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December 9, 2005

Mr. Cliff Ives
Sonoma County Department of Health Services
Environmental Health Division
475 Aviation Blvd , Suite 220
Santa Rosa, California 95403

Subject: **Third Quarter 2005 Groundwater Monitoring and Remediation Status Report**
Rotten Robbie
7200 Healdsburg Avenue, Sebastopol, California
SCDHS Site #00001569 and NCRWQCB Site #1TS0244
Apex Project No. ERA02.005

Dear Mr. Ives:

Apex Envirotech, Inc. (Apex) has been authorized by Rotten Robbie (Robbie) (former Dave's Pit Stop (Pit Stop)) to provide this report documenting groundwater monitoring and site remediation. This report covers site activities for the third quarter groundwater sampling event conducted on September 26, 2005. All monitoring wells are sampled first quarter and only wells MW-1, MW-2, MW-4, and MW-9 are sampled second and fourth quarter. Remediation system compliance sampling for this reporting period was conducted on July 12, August 9, and September 13, 2005. Groundwater monitoring and site remediation results are provided in the attached figures and tables. Apex standard operating procedures, field data, and analytical results are provided as attachments.

This report is based in part, on information obtained by Apex from Robbie and Pit Stop, and is subject to modification as newly acquired information may warrant.

BACKGROUND

The site is currently an operating gasoline station with a car wash and food mart that retails unleaded gasoline, diesel fuel, and red dyed (off-highway) diesel fuel

1988 - Four gasoline underground storage tanks (USTs) and associated piping were removed from the site. The former USTs were replaced by five double-walled steel tanks (T-1 through T-5). In November 1988, Delta Environmental Consultants, Inc. (Delta) of Rancho Cordova, California, installed groundwater monitoring wells MW-1 through MW-4 on-site.

1989 - Delta installed additional groundwater wells MW-5 and MW-6 off-site and five vapor extraction wells VEW-1 through VEW-5 on site during the second quarterly monitoring event. In November 1989 the station was rebuilt. Product lines from the tanks installed in 1988 were replaced with new product lines. During the rebuild, vapor extraction well VEW-5 was properly abandoned to make space for the new dispenser islands.

March 29, 1990 - Aegis Environmental, Inc. (Aegis) of Roseville, California, installed an additional off-site groundwater monitoring well (MW-7).

February 1991 - Aegis began vapor extraction using a catalytic oxidizer for off-gas treatment. The unit operated sporadically until October 1991.

October 1992 - Aegis installed a vapor extraction system. This system began continuous operation in November 1992. The operation of this unit was discontinued in October 1993, in anticipation of a system with higher flow capacity.

August 1994 - Apex was retained as the consultant for the site. Apex submitted a report, *Corrective Action Plan (CAP)*, dated October 14, 1994. Apex began quarterly monitoring at the site in August 1994.

May 1995 - Pit Stop personnel, trained in the handling and management of petroleum products, began weekly floating liquid hydrocarbons (FLH) removal from well MW-4.

February 1996 - Apex submitted a workplan addendum proposing the advancement of two on-site Hydropunch® borings and modifications of one monitoring and one vapor extraction well. The modifications were proposed to facilitate soil and groundwater remediation.

September 30, 1996 - Apex supervised the drilling of two Hydropunch® borings and the enlargement of monitoring well MW-4 at the site. The results of the work were documented by Apex in the report, *Hydropunch Investigation, Well Modification, and Fourth Quarter 1996 Quarterly Groundwater Monitoring Report*, dated November 26, 1996.

April 1, 1997 - A PetroTrap® passive skimmer was installed in monitoring well MW-4. The skimmer was drained and monitored on a weekly basis by Pit Stop personnel. During the second quarter 1998 groundwater sampling event, free product was no longer observed in monitoring well MW-4. As a result, the skimmer was removed to assess FLH thickness. Free product was absent until November of 1998, at which time a free product thickness of 2.8 inches was observed. The skimmer was reinstalled in well MW-4 in January 1999 to recover any remaining FLH.

May 5, 1999 - Soil vapor extraction pilot testing was performed at the subject property to assess the post remedial status following the 1993 soil vapor extraction (SVE) operation.

May 12, 1999 - Apex submitted a report, *Final Remediation Plan and Second Quarter 1999 Groundwater Monitoring Plan (FRP)*, which outlined the corrective action for the site. Sonoma County Environmental Health (County) approved the FRP on June 21, 1999.

August 9, 1999 - Apex submitted a report, *Workplan for Well Modification/ Installation and Response to County Letter*, detailing the installation of five air sparge points and the conversion of two existing monitoring wells to SVE wells. The County conditionally approved the workplan in a letter dated December 22, 1999.

January 27, 2000 - Apex submitted a report, *Workplan Addendum for Well Modification/Installation and Response to County Letter*, detailing the installation of two new monitoring wells for the site. The County approved the Workplan Addendum in a letter dated March 27, 2000.

May 15 -19, 2000 - Apex supervised the installation of two groundwater monitoring wells (MW-8 and MW-9), modified two existing wells (MW-1 and MW-2) from two-inch to four-inch diameter wells, and installed four air sparge points. Results from the well installation and well modification are documented in the report, *Results Report for Well Installation/Modification, Second Quarter 2000 Groundwater Monitoring, and Addendum to the Final Remediation Plan Report*, dated August 9, 2000

October 2, 2002 - The remediation system was installed and start-up occurred

September 30, 2003 - Apex submitted a workplan, and on October 3, 2003, submitted a workplan addendum proposing the expansion of the remediation system and to remove contaminated soil from a dispenser pan and product line upgrade. On October 20, 2003, the County approved the workplan addendum in a letter.

November 11, 2003 - Apex submitted a workplan, *Monitoring Well MW-5 Destruction Recommendation and Workplan*, proposing the abandonment of well MW-5 due to future site development plans.

November 14, 2003 - Apex personnel supervised the upgrade of the dispenser pans and product lines at the site. Soil samples were collected from beneath the product lines at approximately 3 feet below ground surface (bgs).

December 12, 2003 - Apex supervised the abandonment of well MW-5 by Woodward Drilling.

December 19, 2003 - Apex supervised the installation of three air sparge wells (AS-6, AS-7, and AS-8).

January 2004 - Apex personnel connected the new air sparge wells to the sparge system with horizontal supply lines. Also, MW-4 was integrated into the SVE system as a vapor extraction point.

GENERAL SITE INFORMATION

Site name: Rotten Robbie
Site address: 7200 Healdsburg Avenue, Sebastopol, California
Representative: Mr. Dave Zedrick
Current site use: Active gasoline station
Current phase of project: Groundwater monitoring and remediation
Tanks at site: Two 12,000 gallon gasoline, one 10,000 gallon gasoline, one 2,000 gallon red dyed diesel, and one 12,000 gallon diesel UST
Number of wells: 6 monitoring wells (5 shallow, 1 deep); 4 vapor extraction wells; 2 monitoring/vapor extraction wells; 11 air sparge wells

GROUNDWATER MONITORING SUMMARY

Gauging and sampling date: September 26, 2005
Wells gauged and sampled: MW-2, MW-4, and MW-9
Wells gauged only: MW-1, MW-3, MW-7 and MW-8
Groundwater flow direction: East
Groundwater gradient: 0.069 ft/ft
Floating liquid hydrocarbons: None
Laboratory: California Laboratory Services, Inc., Rancho Cordova, California

Analysis Performed:

Analysis	Abbreviation	Designation	USEPA Method No.
Total Petroleum Hydrocarbons as Gasoline	TPHg	Fuel-Range Hydrocarbons	8015M
Total Petroleum Hydrocarbons as Diesel	TPHd		
Benzene	BTEX	Aromatic Volatile Organics	8021B
Toluene			
Ethylbenzene			
Xylenes (Total)			
Di-isopropyl Ether	DIPE	Five Fuel Oxygenates	8260B
Ethyl Tertiary Butyl Ether	ETBE		
Methyl Tertiary Butyl Ether	MTBE		
Tertiary Amyl Methyl Ether	TAME		
Tertiary Butyl Alcohol	TBA		

Modifications from Standard Monitoring Program:

Well MW-6 was not sampled due to a parked car over the well, and well MW-1 had insufficient water to collect a sample.

REMEDIATION SYSTEM SUMMARY

Thermal Oxidizer Soil Vapor Extraction System and Air Sparging System

The SVE system consists of a 150 standard cubic feet per minute (scfm) King Buck brand thermal oxidizer with; a 7.5 horsepower (hp) positive displacement blower as a vacuum source, a liquid/vapor separator, and conveyance piping. Supplemental fuel for the treatment system is natural gas.

The air sparging system is a; Becker brand "KDT" series oil-less rotary vane compressor, 12 hp electric motor, eight sparge points with micro-porous bubblers, and conveyance piping.

System startup date: October 2, 2002
Active extraction wells: MW-1 and MW-4
Inactive extraction wells/reason: VEW-1, VEW-2, VEW-3, VEW-4, MW-2
Due to low VOC concentrations

Modifications made during reporting period/reasons or modifications:

None

Status of system operation during reporting period/reasons for downtime:

The SVE system did not operate continuously during this reporting period. Apex personnel noted the system was shutdown on July 12, July 26, September 13 and September 27, 2005. The July 12, 2005 visit revealed a high level alarm in the air water separator (AWS) which caused the shut down. The following shut down on July 26, 2005 showed no alarm condition. On September 13, the system was found shut down due to low temperature alarm. In addition, Apex personnel had shut the system down on September 25, 2005 for the quarterly groundwater monitoring event. Apex technicians restarted the system two days later on September 27, 2005 during a scheduled operation and maintenance visit. According to hour meter readings the system operated for approximately 47 days during this reporting period. Field data sheets for site visits performed during this quarter are included in Appendix B.

The air sparge system operated throughout this quarter. The sparge system operates 12 hours on and 12 hours off daily so nearby residences are not disturbed in the evening.

Analysis Performed:

Analysis	Abbreviation	Designation	USEPA Method No.	
Total Petroleum Hydrocarbons as Gasoline	TPHg	Gas-Range Hydrocarbons	8260B	
Benzene	BTEX	Aromatic Volatile Organics		
Toluene				
Ethylbenzene				
Xylenes (Total)				
Methyl Tertiary Butyl Ether	MTBE	Fuel Oxygenate		

Remediation system vapor samples were collected monthly and analyzed for the constituents listed above. The July and September effluent samples were reported as non-detect for the analyzed constituents. The effluent vapor sample collected on August 9, 2005 contained concentrations of TPHg, toluene, ethylbenzene, and total xylenes. The concentrations reported in that sample did not contain enough total petroleum hydrocarbons to exceed the air discharge limitations for that facility (Table 7). Laboratory analytical reports are included in Appendix C.

<u>System performance data:</u>	<u>This Quarter</u>	<u>Cumulative</u>
Pounds of TPHg removed:	2,417	29,172 (approx 4,630 gallons)
Pounds of benzene removed:	7	273
Pounds of MTBE removed:	0.30	14.5

CONCLUSIONS

Groundwater analytical results indicate the plume continues to be centered at well MW-4. Deep well MW-9 contained concentrations of all analyzed constituents above laboratory detection limits, and MTBE was detected at an historical high this quarter. Concentrations at well MW-2 were below laboratory detection limits for all analyzed constituents.

Groundwater isoconcentration maps depict the hydrocarbon plume in the shallow aquifer.

Groundwater elevations decreased 0.43 feet this quarter compared with last quarter.

RECOMMENDATIONS

Apex recommends continued quarterly groundwater monitoring. The next sampling event is scheduled for December 2005.

Apex also recommends continued active remediation at the site.

ATTACHMENTS:

Figure 1: Site Vicinity Map

Figure 2: Site Plan Map

Figure 3: Groundwater Contour Map: September 26, 2005

Figure 4: TPHg in Groundwater Isoconcentration Map: September 26, 2005

Figure 5: TPHd in Groundwater Isoconcentration Map: September 26, 2005

Figure 6: Benzene in Groundwater Isoconcentration Map: September 26, 2005

Figure 7: MTBE in Groundwater Isoconcentration Map: September 26, 2005

Table 1: Well Construction Details

Table 2: Groundwater Elevation Data

Table 3: Groundwater Analytical Data

Table 4: Historical Groundwater Elevation Data

Table 5: Historical Groundwater Analytical Data

Table 6: Soil Vapor Extraction Rate Calculations

Table 7: Thermal Oxidizer Destruction Efficiency and Emission Rate Calculations

Appendix A: Apex Standard Operating Procedures

Appendix B: Field Data Sheets

Appendix C: Laboratory Analytical Reports and Chain-of-Custody Forms

REPORT DISTRIBUTION

Apex submitted this report, in its final form, to the following:

Regulatory Oversight: Mr. Cliff Ives
Sonoma County Department of Health Services
Environmental Health Division
475 Aviation Boulevard, Suite 220
Santa Rosa, California 95403
(707) 565-6565

Mr. Luis Rivera
North Coast Regional Water Quality Control Board
5550 Skylane Blvd , Suite A
Santa Rosa, California 95403
(707) 576-2220

Mr. Robert Cave
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, California 94109
(415) 771-6000

Responsible Party: Mr. Dave Zedrick
Dave's Pit Stop
P O Box 7010
Santa Rosa, California 95407
(707) 528-3677

Property Owner: Mr. Tom Robinson
Robinson Oil Corporation
4250 Williams Road
San Jose, California 95129

Mr. Ron Michelson
R.M. Associates
16401 Meadow Vista Drive #102
Pioneer, California 95666

REMARKS/SIGNATURES

The information contained in this report reflects our professional opinions and was developed in accordance with currently available information, and accepted hydrogeologic and engineering practices.

The work described in the above report was performed under the direct supervision of a professional geologist, registered with the State of California, whose signature appears below.

We appreciate the opportunity to provide Robbie with geologic, engineering, and environmental consulting services, and trust this report meets your needs. If you have any questions or comments, please call us at (916) 851-0174.

Sincerely,

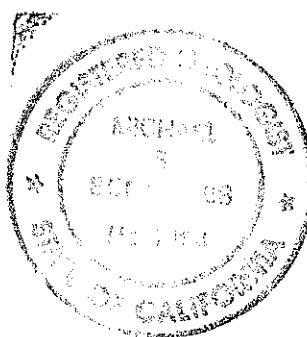
APEX ENVIROTECH, INC.



Richard Johnson
Remediation Department Manager



Michael S. Sgourakis, R.G.
Senior Project Manager
CRG No. 7194



FIGURES



0 0.25 0.50
Approximate Scale
1 inch = 0.25 miles

1



DRAWN BY: D. Alston
DATE: 01/24/01

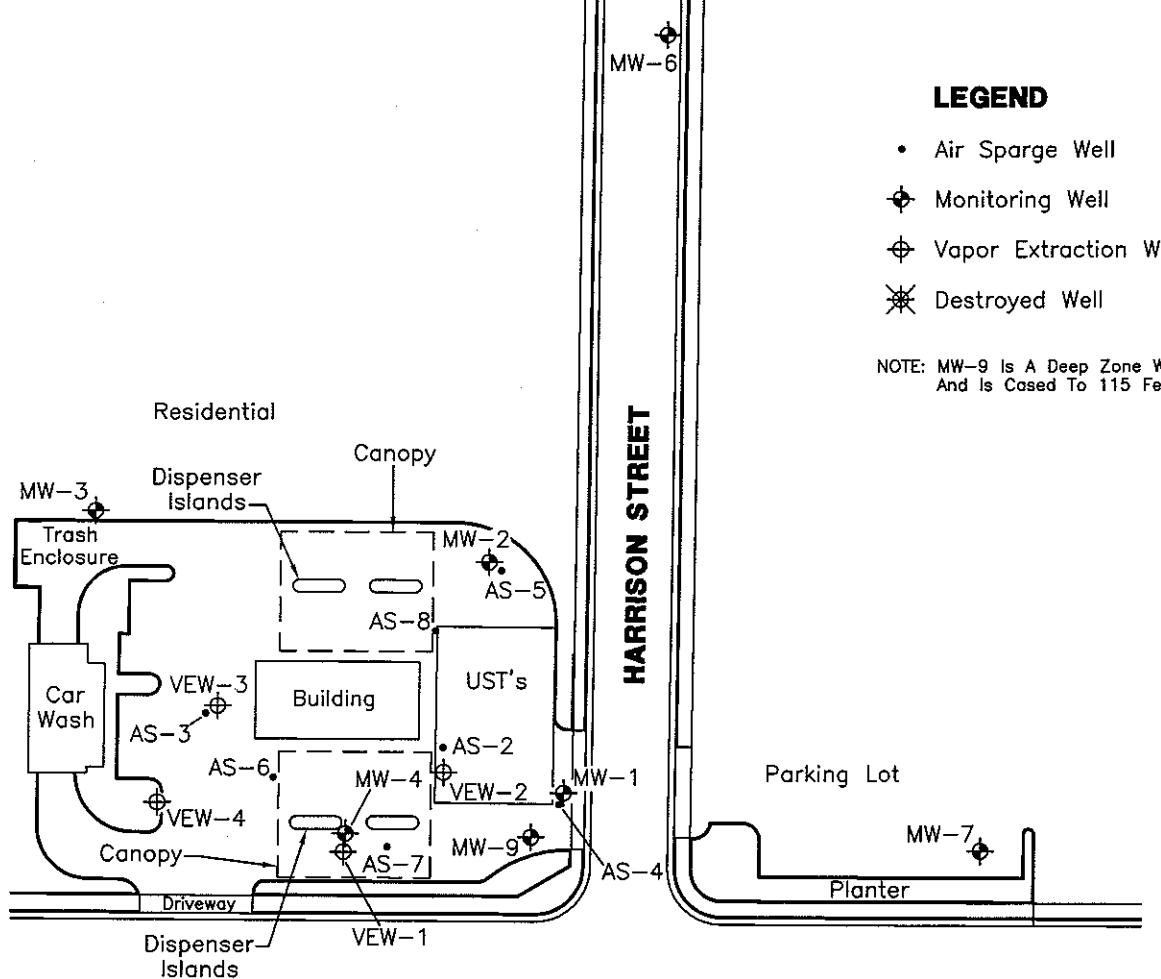
REVISIONS

SITE VICINITY MAP

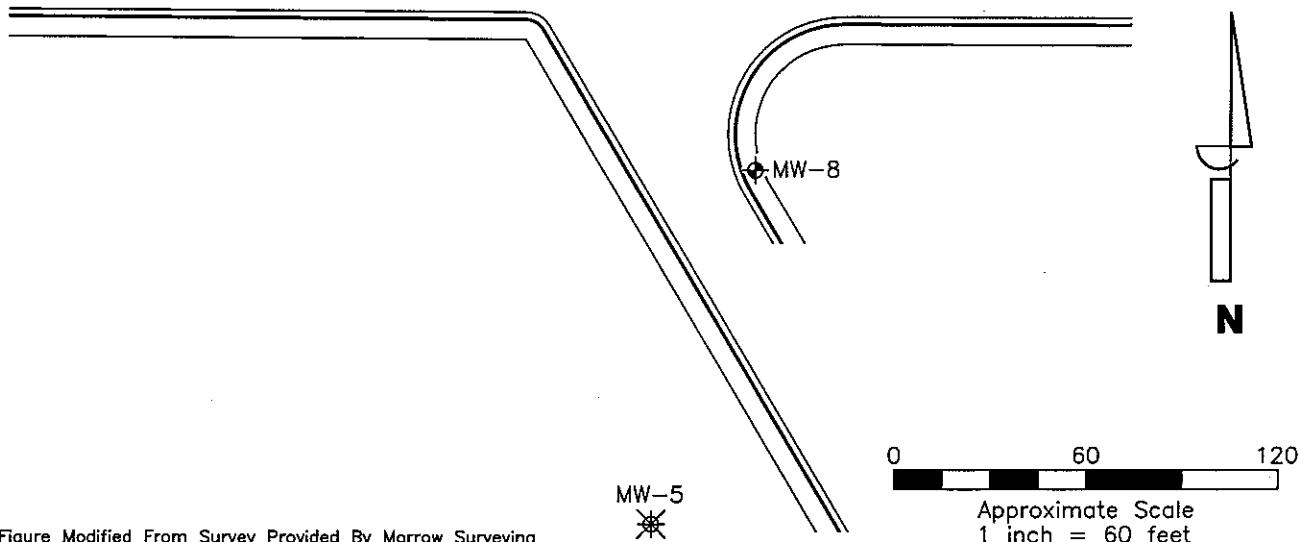
Pit Stop
7200 Healdsburg Avenue
Sebastopol, California

FIGURE

PROJECT NUMBER:
ERA02.005

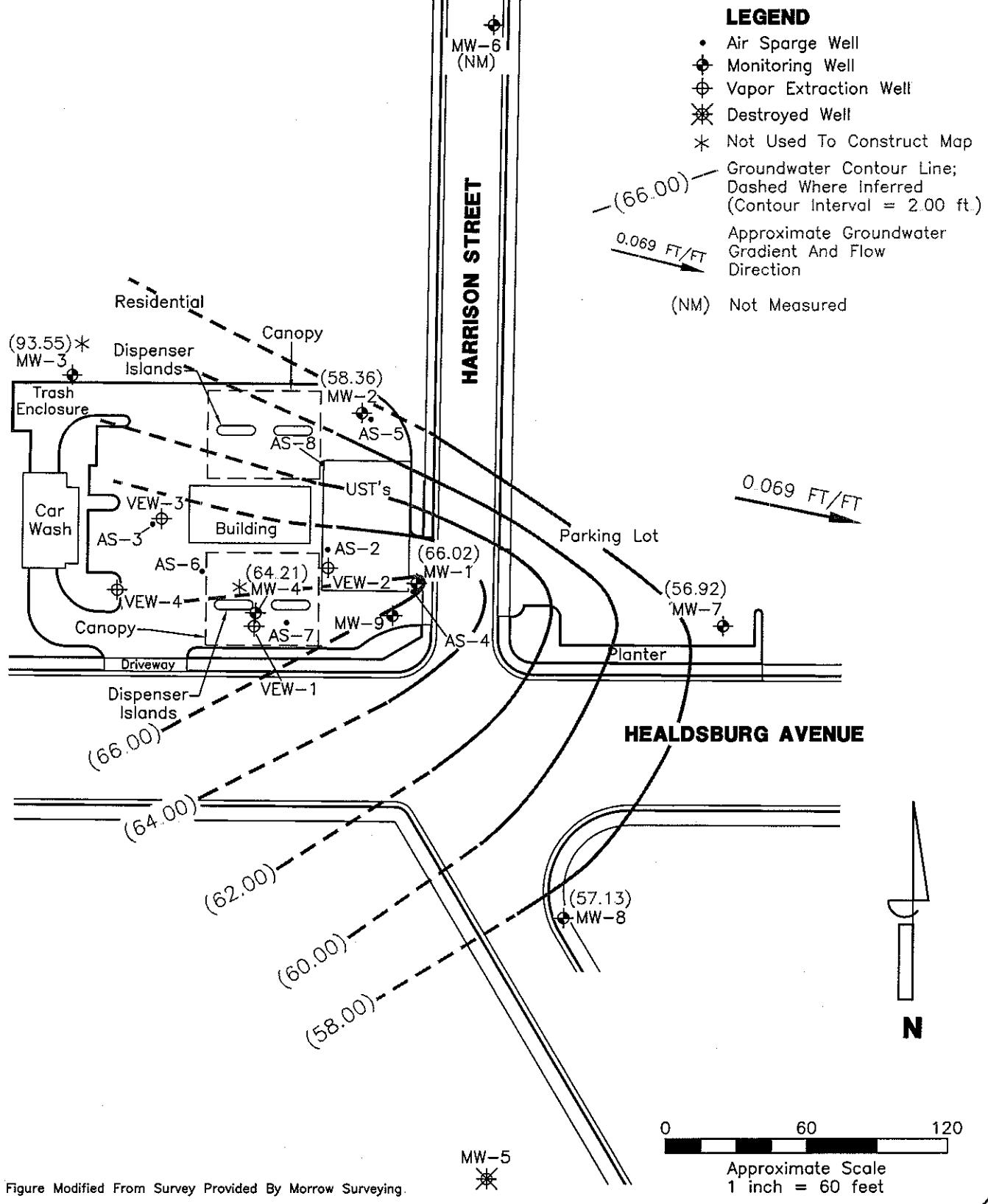


HEALDSBURG AVENUE



Source: Figure Modified From Survey Provided By Morrow Surveying

<p>APEX ENVIROTECH, INC.</p>	DRAWN BY:	J. Curry	<p>SITE PLAN MAP</p> <p>Dave's Pit Stop 7200 Healdsburg Avenue Sebastopol, California</p>	<p>FIGURE 2</p> <p>PROJECT NUMBER: ERA02.005</p>
	DATE:	1/20/05		
	REVISIONS			



DRAWN BY: J. Curry
DATE: 11/14/05

REVISIONS

**GROUNDWATER CONTOUR
MAP: SEPTEMBER 26, 2005**

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

**FIGURE
3**

PROJECT NUMBER:
ERA02.005

LEGEND

- Air Sparge Well
- ◆ Monitoring Well
- ◇ Vapor Extraction Well
- ✗ Destroyed Well

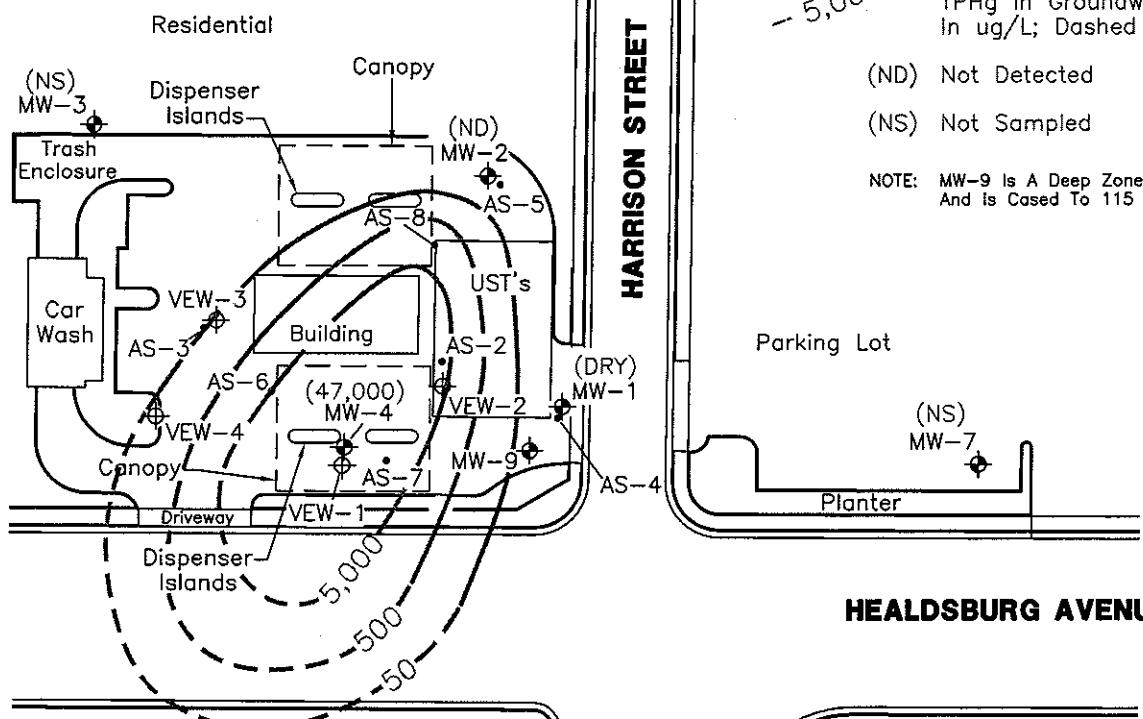
(47,000) Concentration Of TPHg In Groundwater Measured In ug/L

— 5,000 — Line Of Equal Concentration Of TPHg In Groundwater Measured In ug/L; Dashed Where Inferred

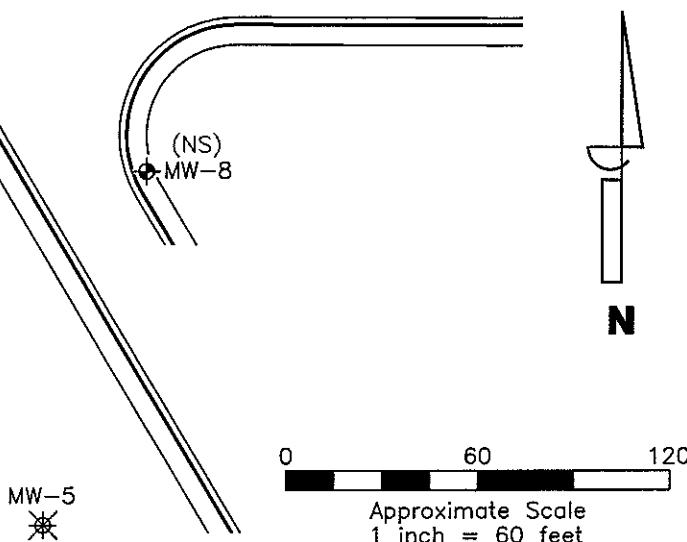
(ND) Not Detected

(NS) Not Sampled

NOTE: MW-9 Is A Deep Zone Well And Is Cased To 115 Feet



HEALDSBURG AVENUE



Source: Figure Modified From Survey Provided By Morrow Surveying.

0 60 120
Approximate Scale
1 inch = 60 feet

DRAWN BY: J. Curry
DATE: 11/14/05

REVISIONS

TPHg IN GROUNDWATER ISOCONCENTRATION MAP: SEPTEMBER 26, 2005

FIGURE

4

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

PROJECT NUMBER:
ERA02.005



LEGEND

- Air Sparge Well
- ◆ Monitoring Well
- ◇ Vapor Extraction Well
- ✗ Destroyed Well

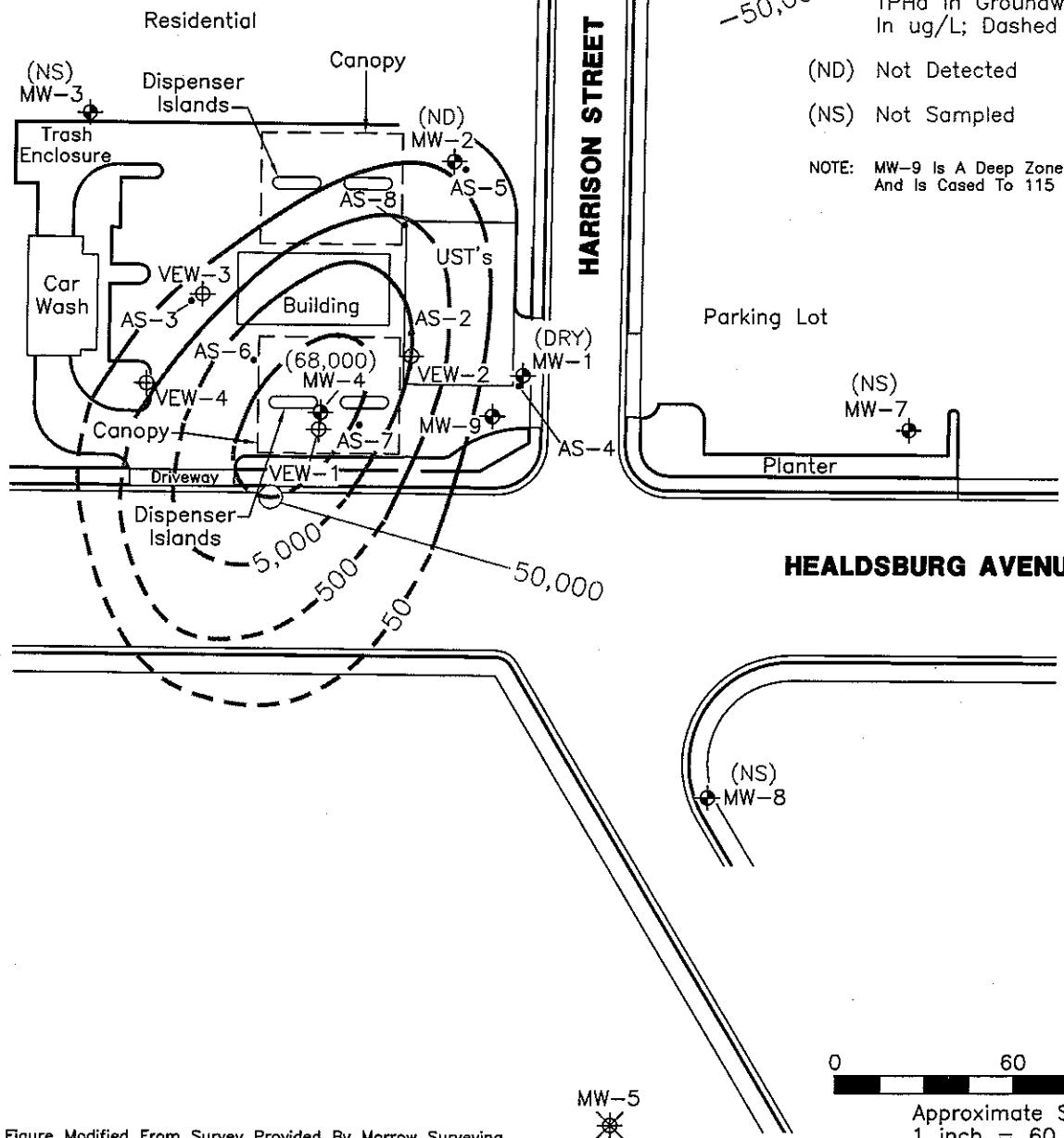
(68,000) Concentration Of TPHd In Groundwater Measured In ug/L

-50,000- Line Of Equal Concentration Of TPHd In Groundwater Measured In ug/L; Dashed Where Inferred

(ND) Not Detected

(NS) Not Sampled

NOTE: MW-9 Is A Deep Zone Well And Is Cased To 115 Feet



Source: Figure Modified From Survey Provided By Morrow Surveying



DRAWN BY: J. Curry
DATE: 11/14/05

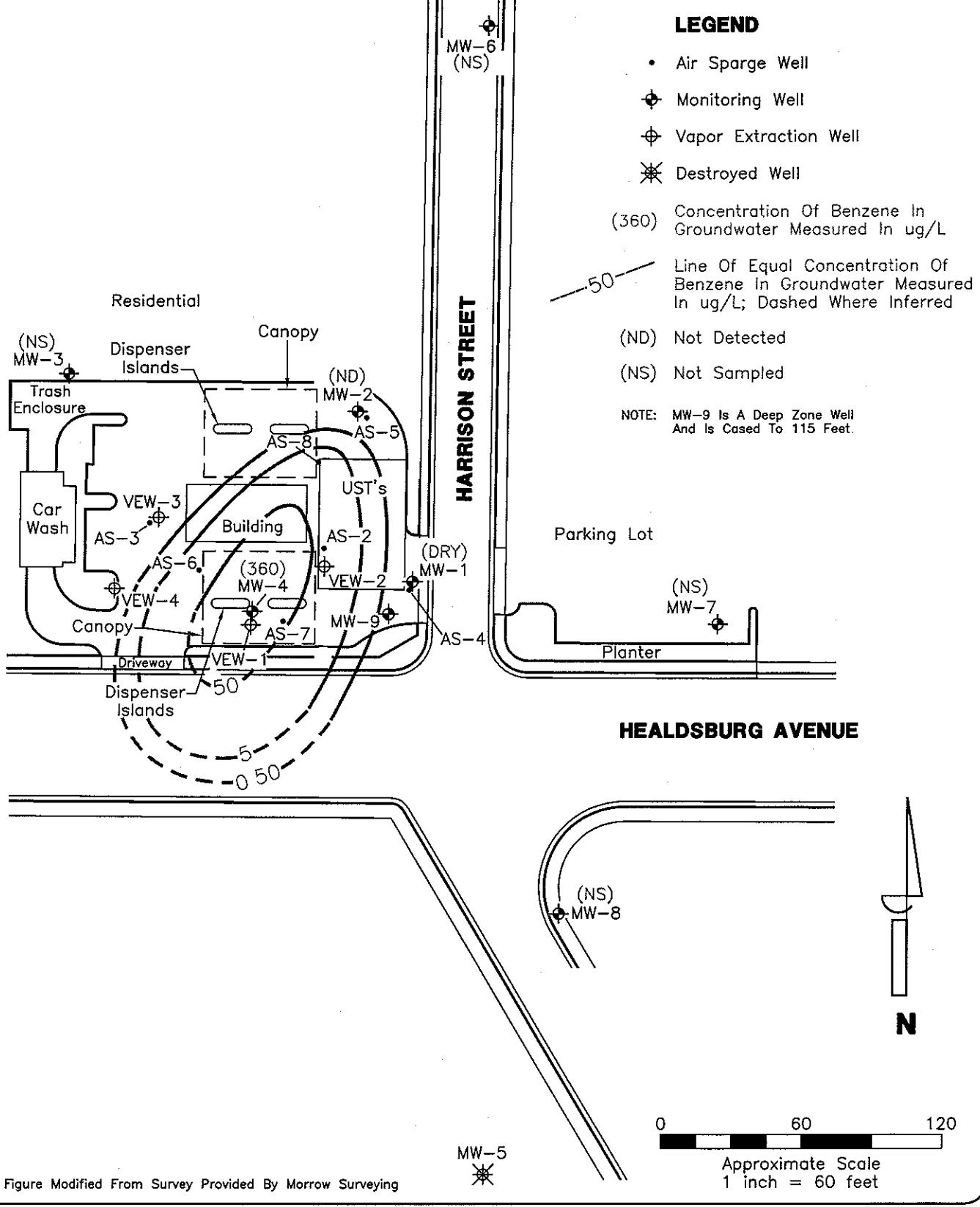
REVISIONS

TPHd IN GROUNDWATER ISOCONCENTRATION MAP: SEPTEMBER 26, 2005

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

FIGURE
5

PROJECT NUMBER:
ERA02.005



DRAWN BY: J Curry
DATE: 11/14/05

REVISIONS

BENZENE IN GROUNDWATER ISOCONCENTRATION MAP: SEPTEMBER 26, 2005

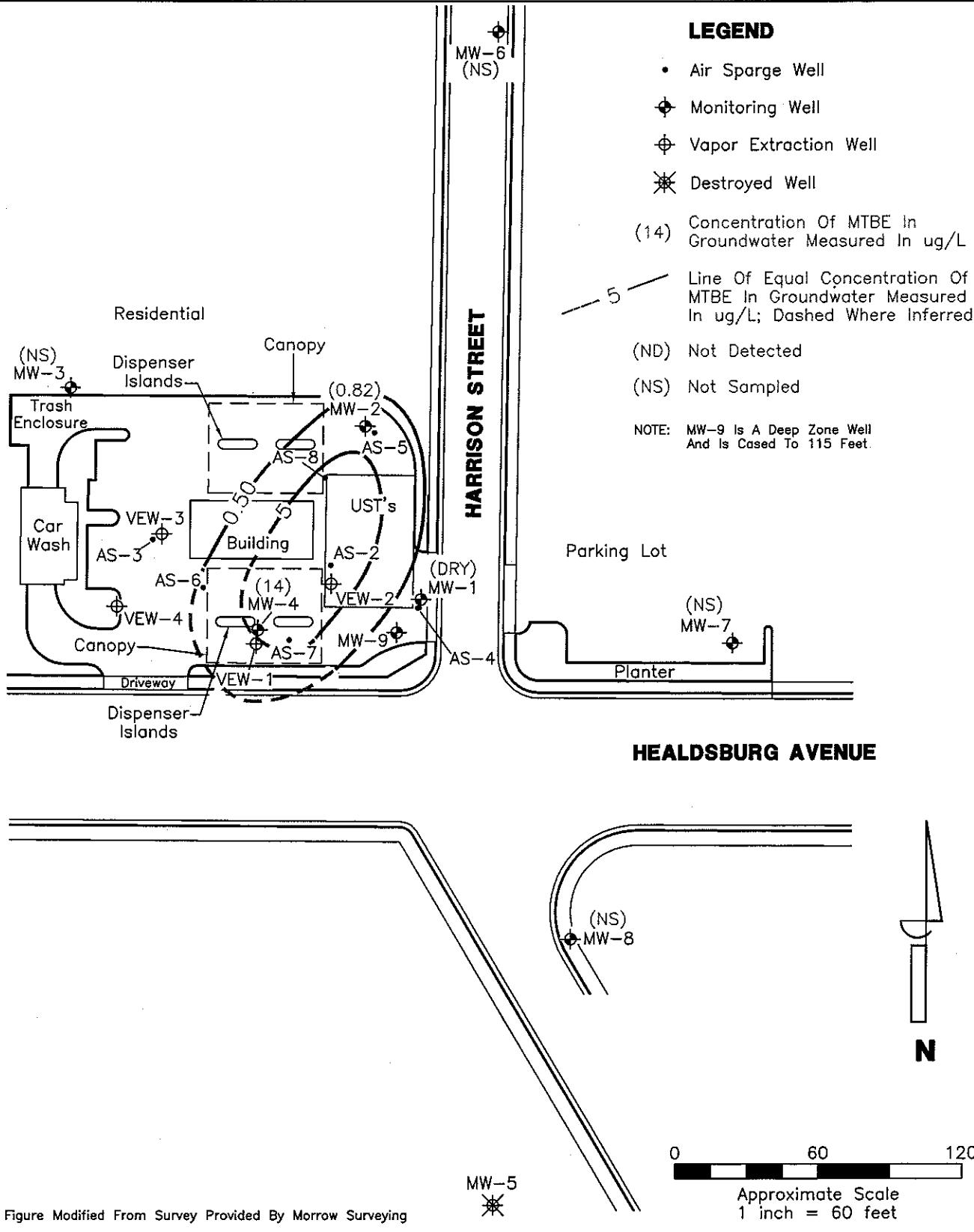
Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

FIGURE

6

PROJECT NUMBER:

ERA02.005



DRAWN BY:	J. Curry
DATE:	11/14/05
REVISIONS	

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

TABLES

TABLE 1
WELL CONSTRUCTION DETAILS
Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Well Number	Well Installation Date	*Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Filter Pack Interval (feet)
Shallow Wells								
MW-1	upgraded May-00	100.83	PVC	46	45	4	15 - 45	13 - 46
MW-2	upgraded May-00	102.35	PVC	50	50	4	15 - 50	13 - 50
MW-3	Nov-88	103.21	PVC	---	---	2	---	---
MW-4	9/30/96 enlarged	101.76	PVC	---	---	4	---	---
MW-5	2nd qtr 1998	102.5	PVC	---	---	2	---	---
MW-6	2nd qtr 1998	117.18	PVC	---	---	2	---	---
MW-7	3/29/1990	99.71	PVC	---	---	2	---	---
MW-8	5/17/2000	97.62	PVC	45	45	2	25 - 45	23 - 45
Deep Well								
MW-9	5/15/2000	100.55	PVC	115	115	2	82 - 115	80 - 115
Vapor Extraction Wells								
VEW-1	2nd qtr 1998	---	PVC	---	---	4	---	---
VEW-2	2nd qtr 1998	---	PVC	---	---	4	---	---
VEW-3	2nd qtr 1998	---	PVC	---	---	4	---	---
VEW-4	2nd qtr 1998	---	PVC	---	---	4	---	---
Air Sparge Wells								
AS-2	5/16/2000	---	PVC	40	39	1	N/A	35 - 40
AS-2	5/16/2000	---	PVC	50	49	1	N/A	45 - 50
AS-3	5/16/2000	---	PVC	40	39	1	N/A	35 - 40
AS-3	5/16/2000	---	PVC	50	49	1	N/A	45 - 50
AS-4	5/16/2000	---	PVC	40	39	1	N/A	35 - 40
AS-4	5/16/2000	---	PVC	50	49	1	N/A	45 - 50
AS-5	5/16/2000	---	PVC	40	39	1	N/A	35 - 40
AS-5	5/16/2000	---	PVC	50	49	1	N/A	45 - 50
AS-6	12/19/2003	---	PVC	51				47.5 - 51
AS-7	12/19/2003	---	PVC	51				47.5 - 51
AS-8	12/19/2003	---	PVC	51				47.5 - 50

Notes:

* = surveyed by Morrow Surveying to mean sea level 10/01

--- = Information not found

TOC = Top of Casing

PVC = Polyvinyl Chloride

TABLE 2
GROUNDWATER ELEVATION DATA
Rotten Robbie
7200 Healdsburg Avenue, Sebastopol, California
(All measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Groundwater Flow Direction
Shallow Wells					
MW-1	9/26/05	100.83	34.81	66.02	E
MW-2	9/26/05	102.35	43.99	58.36	E
MW-3	9/26/05	103.21	9.66	93.55	E
MW-4	9/26/05	101.76	37.55	64.21	E
MW-5	2/18/04	destroyed			
MW-6	9/26/05	117.18	---	---	E
MW-7	9/26/05	99.71	42.79	56.92	E
MW-8	9/26/05	97.62	40.49	57.13	E
Deep Well					
MW-9	9/26/05	100.55	42.61	57.94	E

NOTES:

-Surveyed by Morrow Surveying to mean sea level 10/01

TABLE 3
GROUNDWATER ANALYTICAL DATA
 Rotten Robbie
 7200 Healdsburg Avenue, Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
Shallow Wells										
MW-1	9/26/05	Insufficient Water								
MW-2	9/26/05	<50	<50	<0.50	<0.50	<0.50	<1.0	0.82	<0.50	<5.0
MW-3	9/26/05	---	---	---	---	---	---	---	---	---
MW-4	9/26/05	47,000	68,000	360	11,000	910	16,000	14	130	2,700
MW-5	2/18/04	DESTROYED								
MW-6	9/26/05	CAR PARKED OVER WELL								
MW-7	9/26/05	---	---	---	---	---	---	---	---	---
MW-8	9/26/05	---	---	---	---	---	---	---	---	---
Deep Well										
MW-9	9/26/05	820	220	2,400	6.9	3.3	3.3	460	86	1,800

NOTES:

TPH - Total Petroleum Hydrocarbons

ug/L - micrograms per Liter

MTBE - Methyl Tertiary Butyl Ether

< -below laboratory detection limits

TBA - Tertiary Butyl Alcohol

--- -Not Sampled

TAME - Tertiary Amyl Methyl Ether

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction
Shallow Wells							
MW-1	8/9/94	98 04	37 86		60 18		
	11/22/94		39 10		58 94		
	2/22/95		37 57		60 47		
	5/18/95		34 91		63 13		
	8/9/95		34 62		63 42		
	11/9/95		36 27		61 77		
	3/7/96		35 57		62 47		
	5/16/96		33 20		64 84		
	8/30/96		34 69		63 35		
	11/19/96		35 83		62 21		
	2/21/97		34 71		63 33		
	5/27/97		34 00		64 04		
	8/7/97		35 18		62 86		
	11/21/97		36 78		61 26		
	2/24/98		34 70		63 34		
	5/26/98		32 11		65 93		
	8/26/98		32 19		65 85		
	11/8/98		33 25		64 79		
	2/11/99		33 10		64 94		
	5/5/99		30 68		67 36		
	5/31/00		32 49		65 55		
	10/20/00		34 89		63 15		
	1/31/01		36 15		61 89		SE
	4/18/01		35 62		62 42		NE
	7/30/01		36 50		61 54		NE
	12/19/01	100 83	38 41		62 42		SW
	2/13/02		37 40		63 43		SE
	4/13/02		38 40		62 43		SE
	7/10/02		38 10		62 73		SE
	10/29/02		39 53		61 30		E
	1/15/03		40 03		60 80		SE
	4/9/03		39.05		61.78		E
	8/13/03		DRY		DRY		E
	11/5/03		DRY		DRY		E
	2/18/04		DRY		DRY		SE
	6/16/04		DRY		DRY		S
	9/8/04		DRY		DRY		E
	12/21/04		DRY		DRY		E
	2/15/05		34 12		66.71		E
	6/20/05		33 56		67 27		
	9/26/05		34 81		66 02		
							Regionally East
							E

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction
MW-2	8/9/94	99 74	39.28		60 46		
	11/22/94		40 53		59 21		
	2/22/95		38 95		60 79		
	5/18/95		36 30		63 44		
	8/9/95		36 06		63 68		
	11/9/95		37 73		62 01		
	3/7/96		36 97		62 77		
	5/16/96		35 35		64 39		
	8/30/96		36 15		63 59		
	11/19/96		37 31		62 43		
	2/21/97		36 16		63 58		
	5/27/97		35 48		64 26		
	8/7/97		36 65		63 09		
	11/21/97		38 33		61 41		
	2/24/98		36 14		63 60		
	5/26/98		33 58		66 16		
	8/26/98		33 69		66 05		
	11/8/98		34 60		65 14		
	2/11/99		34 58		65 16		
	5/5/99		32 07		67 67		
	5/31/00		33 84		65 90		
	10/20/00		36 27		63 47		
	1/31/01		37 57		62 17		SE
	4/18/01		36 95		62 79		NE
	7/30/01		38 14		61 60		NE
	12/19/01	102 35	39 75		62 60		SW
	2/13/02		38 70		63 65		SE
	4/13/02		38 72		63 63		SE
	7/10/02		39 44		62 91		SE
	10/29/02		41 18		61 17		E
	1/15/03		41 79		60 56		SE
	4/9/03		41 25		61 10		E
	8/13/03		41 41		60 94		E
	11/5/03		42 24		60 11		E
	2/18/04		42 14		60 21		SE
	6/16/04		43 49		58 86		S
	9/8/04		44 28		58 07		E
	12/21/04		45 02		57 33		E
	2/15/05		45 19		57 16		E
	6/20/05		43 24		59 11		
	9/26/05		43 99		58 36		
							Regionally East
							E

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction
MW-3	8/9/94	103.21	18.78		84.43		
	11/22/94		19.99		83.22		
	2/22/95		17.60		85.61		
	5/18/95		13.39		89.82		
	8/9/95		12.51		90.70		
	11/9/95		14.50		88.71		
	3/7/96		13.88		89.33		
	5/16/96		12.10		91.11		
	8/30/96		13.28		89.93		
	11/19/96		14.66		88.55		
	2/21/97		13.65		89.56		
	5/27/97		11.93		91.28		
	8/7/97		13.32		89.89		
	11/21/97		15.48		87.73		
	2/24/98		10.14		93.07		
	5/26/98		8.05		95.16		
	8/26/98		9.56		93.65		
	11/8/98		11.33		91.88		
	2/11/99		10.71		92.50		
	5/5/99		8.30		94.91		
	5/31/00		9.21		94.00		
	10/20/00		12.22		90.99		
	1/31/01		12.91		90.30		SE
	4/18/01		11.70		91.51		NE
	7/30/01		14.03		89.18		NE
	12/19/01	103.21	16.05		87.16		SW
	2/13/02		13.30		89.91		SE
	4/13/02		16.10		87.11		SE
	7/10/02		13.01		90.20		SE
	10/29/02		15.82		87.39		E
	1/15/03		14.89		88.32		SE
	4/9/03		14.52		88.69		E
	8/13/03		15.27		87.94		E
	11/5/03		15.63		87.58		E
	2/18/04		11.97		91.24		SE
	6/16/04		9.97		93.24		S
	9/8/04		11.02		92.19		E
	12/21/04		12.47		90.74		E
	2/15/05		11.41		91.80		E
	6/20/05		8.80		94.41		
	9/26/05		9.66		93.55		
							Regionally East E

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction	
MW-4*	8/9/94	98 89	38 57	38 04	60 72	0 53		
	11/22/94		40 00	39 32	59 40	0 68		
	2/25/95		41 07	37 58	60 44	3 49		
	5/18/95		36 29	35 29	63 35	1 00		
	8/9/95		36 58	34 44	63 92	2 14		
	11/9/95		37 06	36 34	62 37	0 72		
	3/7/96		36 90	35 99	62 67	0 91		
	5/16/96		35 92	35 17	63 53	0 75		
	8/30/96		35 65	34 77	63 90	0 88		
	11/19/96		35 95	NA	63 04	sheen (<0 01)		
	2/21/97		35 48	NA	63 51	0 08		
	5/27/97		34 80	34 49	64 19	0 31		
	8/7/97		35 52	35 49	63 47	0 01		
	11/21/97		37 33	NA	61 66	0 00		
	2/24/98		35 72	NA	63 27	sheen (<0 01)		
	5/26/98		32 48	NA	66 51	sheen (<0 01)		
	8/26/98		32 48	NA	66 51	sheen (<0 01)		
	11/8/98		33 90	36 70	65 09	2 80		
	2/11/99		33 97	33 94	65 02	0 03		
	5/5/99		31 04	33 94	67 95	0 03		
	5/31/00		NM	NM	NM	0 07		
	10/20/00		NM	NM	NM	0 00		
	1/31/01		38 03	37 33	60 96	0 70	SE	
	4/18/01		NM	NM	NM	0 00	NE	
	7/30/01		NM	NM	NM	0 00	NE	
	12/19/01		NM	NM	NM	0 25	SW	
	2/13/02		NM	NM	NM	0 25	SE	
	4/13/02		NM	NM	NM	0 25	SE	
	7/10/02		38 38	38 28	63 45	0 10	SE	
	10/29/02		41 25	39 58	61 74	1 67	E	
	1/15/03		41 99	40 43	60 92	1 56	SE	
	4/9/03		39 50	0 00	62 26	0 00	E	
	8/13/03		40 69	0 00	61 07	0 00	E	
	11/5/03		41 21	41 09	60 64	0 12	E	
	2/18/04		40 25	NM	61 51	0 00	SE	
	6/16/04		40 41		61 35	0 00	S	
	9/8/04		41 15	NM	60 61	0 00	E	
	12/21/04		42 77	NM	58 99	0 00	E	
	2/15/05		42 78	NM	58 98	0 00	E	
	6/20/05		40 31	NM	61 45	0 00		
	9/26/05		37 55	NM	64 21	0 00		
							Regionally East	
							E	

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction
MW-5	8/9/94	NM 102.50	38.97			--	
	11/22/94		40.23			--	
	2/22/95		39.09			--	
	5/18/95		36.34			--	
	8/9/95		35.62			--	
	11/9/95		37.20			--	
	3/7/96		36.90			--	
	5/16/96		NM			--	
	8/30/96		35.76			--	
	11/19/96		36.71			--	
	2/21/97		NM			--	
	5/27/97		35.00			--	
	8/7/97		36.19			--	
	11/21/97		NM			--	
	2/24/98		NM			--	
	5/26/98		33.08			--	
	8/26/98		33.06			--	
	11/8/98		34.23			--	
	2/11/99		42.98			--	
	5/5/99		31.55			--	
	5/31/00		NM			--	
	10/20/00		NM			--	
	1/31/01		NM			--	SE
	4/18/01		NM			--	SE
	7/30/01		NM			--	NE
	10/29/02		40.25		62.25		NE
	1/15/03		41.21		61.29		E
	4/9/03		40.26		62.24		SE
	8/13/03		40.98		61.52		E
	11/5/03		41.86		60.64		E
	2/18/04	destroyed					SE

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction
MW-6	8/9/94	NM	53 93		---		
	11/22/94		55 21		---		
	2/22/95		53 85		---		
	5/18/95		50 99		---		
	8/9/95		50 78		---		
	11/9/95		52 38		---		
	3/7/96		51 78		---		
	5/16/96		NM		---		
	8/30/96		50 84		---		
	11/19/96		NM		---		
	2/21/97		NM		---		
	5/27/97		50 15		---		
	8/7/97		51 32		---		
	11/21/97		NM		---		
	2/24/98		NM		---		
	5/26/98		48 30		---		
	8/26/98		48 38		---		
	11/8/98		49 38		---		
	2/11/99		49 24		---		
	5/5/99		46 86		---		
	5/31/00		48 73		---		
	10/20/00		51 15		---		
	1/31/01		52 42		---		SE
	4/18/01		51 90		---		SE
	7/30/01		53 10		---		NE
	12/19/01	117 18	54 84		62 34		NE
	2/13/02		53 80		63 38		SW
	4/13/02		54 15		63 03		SE
	7/10/02		54 36		62 82		SE
	10/29/02		55 97		61 21		E
	1/15/03		56 67		60 51		SE
	4/9/03		55 57		61 61		E
	8/13/03		56 39		60 79		E
	11/5/03		57 35		59 83		E
	2/18/04		57 56		59 62		SE
	6/16/04		57 01		60 17		S
	9/8/04		58 23		58 95		E
	12/21/04		59 52		57 66		E
	2/15/05		49 72		67 46		E
	6/20/05		58 09		59 09		Regionally East
	9/26/05		---		---		E

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction
MW-7	8/9/94	97 17	37 32		59 85		
	11/22/94		38.62		58.55		
	2/22/95		NM		NM		
	5/18/95		34.58		62.59		
	8/9/95		34.20		62.97		
	11/9/95		35.85		61.32		
	3/7/96		35.29		61.88		
	5/16/96		33.54		63.63		
	8/30/96		34.23		62.94		
	11/19/96		35.37		61.80		
	2/21/97		34.44		62.73		
	5/27/97		33.58		63.59		
	8/7/97		34.76		62.41		
	11/21/97		36.44		60.73		
	2/24/98		34.82		62.35		
	5/26/98		31.80		65.37		
	8/26/98		31.76		65.41		
	11/8/98		32.82		64.35		
	2/11/99		32.57		64.60		
	5/5/99		30.28		66.89		
	5/31/00		32.13		65.04		
	10/20/00		34.59		62.58		
	1/31/01		35.79		61.38		SE
	4/18/01		NM		---		NE
	7/30/01		36.41		60.76		NE
	12/19/01	99 71	38.13		61.58		SW
	2/13/02		37.25		62.46		SE
	4/13/02		38.02		61.69		SE
	7/10/02		37.75		61.96		SE
	10/29/02		39.31		60.40		E
	1/15/03		40.07		59.64		SE
	4/9/03		39.03		60.68		E
	8/13/03		39.75		59.96		E
	11/5/03		40.65		59.06		E
	2/18/04		40.99		58.72		SE
	6/16/04		40.49		59.22		S
	9/8/04		41.65		58.06		E
	12/21/04		43.04		56.67		E
	2/15/05		43.16		56.55		E
	6/20/05		41.59		58.12		
	9/26/05		42.79		56.92		
							Regionally East
							E

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California
 (All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater (Feet)	Depth to FLH (Feet)	Groundwater Elevation (Feet)	FLH Thickness (Feet)	Groundwater Flow Direction
MW-8	5/31/00	NM 97.62	29.88		---		
	10/20/00		32.38		---		SE
	1/31/01		33.59		---		SE
	4/18/01		32.46		---		NE
	7/30/01		34.18		---		NE
	12/19/01		36.84		60.78		SW
	2/13/02		36.00		61.62		SE
	4/13/02		36.53		61.09		SE
	7/10/02		35.58		62.04		SE
	10/29/02		37.10		60.52		E
	1/15/03		37.80		59.82		SE
	4/9/03		36.87		60.75		E
	8/13/03		37.64		59.98		E
	11/5/03		38.55		59.07		E
	2/18/04		38.72		58.90		SE
	6/16/04		38.29		59.33		S
	9/8/04		39.40		58.22		E
	12/21/04		40.81		56.81		E
	2/15/05		40.86		56.76		E
Deep Well	6/20/05	NM 100.55	39.24		58.38		Regionally East
	9/26/05		40.49		57.13		E
MW-9	5/31/00	NM 100.55	32.22		---		
	10/20/00		34.72		---		SE
	1/31/01		35.90		---		SE
	4/18/01		35.62		---		NE
	7/30/01		36.48		---		NE
	12/19/01		37.63		62.92		SW
	2/13/02		37.20		63.35		SE
	4/13/02		37.20		63.35		SE
	7/10/02		37.89		62.66		SE
	10/29/02		39.47		61.08		E
	1/15/03		40.12		60.43		SE
	4/9/03		39.07		61.48		E
	8/13/03		39.92		60.63		E
	11/5/03		40.82		59.73		E
	2/18/04		40.86		59.69		SE
	6/16/04		40.69		59.86		S
	9/8/04		41.74		58.81		E
	12/21/04		43.11		57.44		E
	2/15/05		43.16		57.39		E
	6/20/05		41.53		59.02		
	9/26/05		42.61		57.94		

NOTES:

NA -Not applicable

NM -Not measured

-Surveyed by Morrow Surveying to mean sea level 10/01

Historical Measurements are present in the Apex "Corrective Action Plan" dated October 14, 1994

* -Groundwater elevation was corrected for free product using TPHg density of 0.739

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
Shallow Wells										
MW-1	8/9/94	17,000		5,300	50	64	29	—		
	11/22/94	11,000		6,000	130	33	78	—		
	2/22/95	16,000		7,600	65	93	15	—		
	5/18/95	28,000		7,400	200	560	210	—		
	8/9/95	21,000		12,000	360	690	290	—		
	11/9/95	6,700		5,000	200	64	150	—		
	3/7/96	10,000		2,900	139	<	59	—		
	5/16/96	83,000		5,000	<300	<300	<300	—		
	8/30/96	23,000		5,700	270	230	440	—		
	11/19/96	14,000		6,500	240	250	480	—		
	2/21/97	16,000		7,400	270	300	320	—		
	5/27/97	26,000		7,500	290	150	370	—		
	8/7/97	8,200		1,300	27	26	20	—		
	11/21/97	7,700		4,700	61	88	100	—		
	2/24/98	14,000		7,100	680	390	850	—		
	5/26/98	12,000		3,000	260	300	430	15,000		
	8/26/98	13,000		640	92	430	100	—		
	11/8/98	37,000		2,800	860	580	1,900	—		
	2/6/99	43,000		4,900	1,500	1,000	3,400	—		
	5/6/99	27,000		4,400	2,900	1,400	5,300	—		
	6/25/99							6,400	37	490
	6/1/00	12,000	4,500	3,700	790	1,300	2,400	37,000	220	<50
	10/20/00	39,000	<50	12,000	3,300	2,900	7,100	42,000	<10000	<100000
	2/1/01	54,000	2,300	15,000	4,200	3,200	8,000	48,000	130	<250
	4/18/01	44,000	2,000	14,000	2,200	3,400	6,600	41,000	<12,000	<1,200
	7/30/01	58,000	4,000	20,000	5,000	2,900	8,400	52,000	72	<500
	12/19/01	62,000	5,000	20,000	6,000	3,300	9,900	33,000	<1,200	<120
	2/13/02	16,000	1,800	9,800	1,300	2,200	3,500	23,000	<120	<1,200
	4/13/02	18,000	2,100	11,000	930	2,400	3,800	26,000	<120	<1,200
	7/10/02	37,000	18,000	15,000	1,900	3,200	6,700	26,000	<1 000	<10,000
	10/29/02	170	270	160	0.84	0.61	8.6	1,500	9.4	<50
	1/15/03	<50	540	<0.50	<0.50	<0.50	<1.0	34	<5.0	<50
	4/9/03	490	3,800	0.88	4.5	1.3	61	48	<0.50	<5.0
	8/13/03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11/5/03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/18/04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/16/04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	9/8/04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/21/04	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/15/05	<50	<50	<0.50	0.58	<0.50	1.0	<0.50	<0.50	<5 0
	6/20/05	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5 0
	9/26/05	Insufficient Water								

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
MW-2	8/9/94	21,000		4,400	4,000	240	1,200	---		
	11/22/94	10,000		3,800	2,700	94.0	930	---		
	2/22/95	8,000		2,800	410	81.0	510	---		
	5/18/95	500		7.0	5.6	<	22	---		
	8/9/95	1,700		180	150	25	80	---		
	11/9/95	29,000		1,900	8,600	350	3,200	---		
	3/7/96	21,000		3,900	2,300	91	750	---		
	5/16/96	58,000		2,700	440	<300	970	---		
	8/30/96	24,000		1,500	2,800	160	1,800	---		
	11/19/96	21,000		2,200	4,700	510	3,300	---		
	2/21/97	16,000		8,500	260	290	280	---		
	5/27/97	14,000		800	650	<100	900	6,200		
	8/7/97	3,600		440	660	140	170	1,600		
	11/21/97	6,200		340	240	380	1,400	---		
	2/24/98	4,900		27	7.6	72	30	20,000		
	5/26/98	150,000		21,000	26,000	1,300	8,500	58,000		
	8/26/98	30,000		<50	180.0	110	430	---		
	11/8/98	73,000		530	5,500	670	5,100	97		
	2/6/99	39,000		1,000	2,700	700	3,400	---		
	5/6/99	3,700		240	56	280	930	---		
	6/25/99							4,100	84	120
	6/1/00	20,000	4,100	63	4,500	1,100	6,500	650	<5.0	<50
	10/20/00	37,000	<50	180	1,000	1,900	9,400	240	<120	<2500
	2/1/01	46,000	1,300	200	12,000	2,500	9,600	320	<25	<250
	4/18/01	16,000	1,500	130	2,300	610	2,600	120	<5.0	<50
	7/30/01	13,000	2,700	42	1,700	440	3,500	<5.0	<5.0	<50
	12/19/01	33,000	3,500	150	7,300	2,100	8,600	170	<50	<5.0
	2/13/02	1,200	460	<0.50	52	30	99	28	<5.0	<50
	4/13/02	5,100	800	<5.0	980	380	1,400	75	<5.0	<50
	7/10/02	8,300	700	51	520	580	2,400	58	<5.0	<50
	10/29/02	11,000	610	48	820	790	3,700	73	<5.0	<50
	1/15/03	9,500	410	87	1,200	770	3,600	57	<5.0	<50
	4/9/03	1,000	<300	0.97	0.74	31	28	13	<0.50	17
	8/13/03	4,600	300	<10	29	760	700	37	<0.50	<5.0
	11/5/03	5,300	420	15	36	830	540	28	<5.0	<50
	2/18/04	70	<50	<0.50	<0.50	6.0	<1.0	12	<0.50	<5.0
	6/16/04	<50	120	<0.50	<0.50	<0.50	<1.0	2.0	<0.50	<5.0
	9/8/04	<50	<50	<0.50	<0.50	<0.50	<1.0	0.90	<0.50	<5.0
	12/21/04	<50	<50	<0.50	<0.50	<0.50	<1.0	1.0	<0.50	<5.0
	2/15/05	230	120	<0.50	4.1	0.91	1.8	9.8	<0.50	<5.0
	6/20/05	<50	<50	<0.50	<0.50	<0.50	<1.0	2.1	<0.50	<5.0
	9/26/05	<50	<50	<0.50	<0.50	<0.50	<1.0	0.82	<0.50	<5.0

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
MW-3	8/9/94	<			<	<	<	<		
	11/22/94	< <		< <	< <	< <	< <	<		
	2/22/95	< <		< <	< <	< <	< <	<		
	5/18/95	<		< <	< <	< <	< <	<		
	8/9/95	<		< <	< <	< <	< <	<		
	11/9/95	<		< <	< <	< <	< <	<		
	3/7/96	52		2.30	2.90		1.8			
	5/16/96	<		<	<	<	<	<		
	8/30/96	<		<0.3	<0.3	<0.3	<0.3	<		
	11/19/96	<		<	<	<	<	<		
	2/21/97	<50		<0.5	<0.5	<0.5	<0.5	<		
	5/27/97	<50		<0.5	<0.5	<0.5	<0.5	<		
	8/7/97	<50		4.70	<0.5	<0.5	<0.5	<		
	11/21/97	<50		<0.50	0.50	0.50	<1.0	<		
	2/24/98	<50		<0.50	0.50	0.50	<1.0	<		
	5/26/98	<50		<0.50	<0.50	<0.50	<0.50	<		
	8/26/98	<50		<0.50	<0.50	<0.50	<0.50	<		
	11/8/98	110		<0.50	1.8	0.8	5.4	<		
	2/6/99	<50		<0.5	<0.5	<0.5	<0.5	<		
	5/5/99	<50		<0.5	<0.5	<0.5	<1.0	<		
	6/25/99							<5.0	<5.0	<50
	5/31/00	<50	<50	1.7	1.4	1.1	3.6	<5.0	<5.0	<50
	10/20/00	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	2/1/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/18/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	7/30/01	<50	<50	<0.50	<0.50	<0.50	<1.0	16	<5.0	<50
	12/19/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	2/13/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/13/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	7/10/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	10/29/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	1/15/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/9/03	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	8/13/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<50
	11/5/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<50
	2/18/04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<50
	6/16/04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<50
	9/8/04	---	---	---	---	---	---	---	---	---
	12/21/04	---	---	---	---	---	---	---	---	---
	2/15/05	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<50
	6/20/05	---	---	---	---	---	---	---	---	---
	9/26/05	---	---	---	---	---	---	---	---	---

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
MW-4	8/9/94	FLH		FLH	FLH	FLH	FLH	FLH		
	11/22/94	FLH		FLH	FLH	FLH	FLH	FLH		
	2/22/95	FLH		FLH	FLH	FLH	FLH	FLH		
	5/18/95	FLH		FLH	FLH	FLH	FLH	FLH		
	8/9/95	FLH		FLH	FLH	FLH	FLH	FLH		
	11/9/95	FLH		FLH	FLH	FLH	FLH	FLH		
	3/7/96	FLH		FLH	FLH	FLH	FLH	FLH		
	5/16/96	FLH		FLH	FLH	FLH	FLH	FLH		
	8/30/96	FLH		FLH	FLH	FLH	FLH	FLH		
	11/19/96	FLH		FLH	FLH	FLH	FLH	FLH		
	2/21/97	FLH		FLH	FLH	FLH	FLH	FLH		
	5/27/97	FLH		FLH	FLH	FLH	FLH	FLH		
	8/7/97	FLH		FLH	FLH	FLH	FLH	FLH		
	11/21/97	170,000		37,000	56,000	2,700	16,000	NA		
	2/24/98	FLH		FLH	FLH	FLH	FLH	FLH		
	5/26/98	91,000		<500	9,600	3,100	17,000	8,000		
	8/26/98	FLH		FLH	FLH	FLH	FLH	FLH		
	11/8/98	FLH		FLH	FLH	FLH	FLH	FLH		
	2/6/99	FLH		FLH	FLH	FLH	FLH	FLH		
	5/6/99	170,000		33,000	67,000	8,700	56,000			
	6/25/99							2,700	<50	3,500
	5/31/00	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	10/20/00	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	1/31/01	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	4/18/01	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	7/30/01	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	12/19/01	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	2/13/02	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	4/13/02	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	7/10/02	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	10/29/02	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	1/15/03	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	4/9/03	270,000	<220,000	16,000	44,000	5,200	29,000	220	<200	<2,000
	8/13/03	920,000	38,000	13,000	34,000	20,000	51,000	310	<100	<1,000
	11/5/03	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH	FLH
	2/18/04	240,000	310,000	15,000	36,000	3,300	30,000	180	<5.0	<50
	6/16/04	83,000	6,400	3,800	22,000	2,400	15,000	190	130	1,800
	9/8/04	97,000	870,000	3,300	17,000	1,800	20,000	85	120	1,300
	12/21/04	110,000	58,000	3,800	19,000	2,000	27,000	140	140	2,400
	2/15/05	71,000	42,000	1,600	11,000	850	15,000	42	110	2,100
	6/20/05	78,000	140	610	11,000	1,800	17,000	<5.0	160	3,400
	9/26/05	47,000	68,000	360	11,000	910	16,000	14	130	2,700

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
MW-5	8/9/94	---	---	---	---	---	---	---	---	---
	11/22/94	---	---	---	---	---	---	---	---	---
	2/22/95	---	---	---	---	---	---	---	---	---
	5/18/95	---	---	---	---	---	---	---	---	---
	8/9/95	---	---	---	---	---	---	---	---	---
	11/9/95	---	---	---	---	---	---	---	---	---
	3/7/96	---	---	---	---	---	---	---	---	---
	5/16/96	---	---	---	---	---	---	---	---	---
	8/30/96	---	---	---	---	---	---	---	---	---
	11/19/96	---	---	---	---	---	---	---	---	---
	2/21/97	---	---	---	---	---	---	---	---	---
	5/27/97	---	---	---	---	---	---	---	---	---
	8/7/97	---	---	---	---	---	---	---	---	---
	11/21/97	---	---	---	---	---	---	---	---	---
	2/24/98	---	---	---	---	---	---	---	---	---
	5/26/98	---	---	---	---	---	---	---	---	---
	8/26/98	---	---	---	---	---	---	---	---	---
	11/8/98	---	---	---	---	---	---	---	---	---
	2/6/99	---	---	---	---	---	---	---	---	---
	5/5/99	<50	---	<0.5	<0.5	<0.5	<1.0	---	---	50
	6/25/99	---	---	---	---	---	---	<5.0	<5.0	50
	5/31/00	---	---	---	---	---	---	---	---	---
	10/20/00	---	---	---	---	---	---	---	---	---
	1/31/01	---	---	---	---	---	---	---	---	---
	4/18/01	---	---	---	---	---	---	---	---	---
	7/30/01	---	---	---	---	---	---	---	---	---
	10/29/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	1/15/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/9/03	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
	8/13/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	11/5/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	2/18/04	DESTROYED								

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
 Rotten Robbie
 7200 Healdsburg Avenue
 Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
MW-6	8/9/94	---	---	---	---	---	---	---	---	---
	11/22/94	---	---	---	---	---	---	---	---	---
	2/22/95	---	---	---	---	---	---	---	---	---
	5/18/95	---	---	---	---	---	---	---	---	---
	8/9/95	---	---	---	---	---	---	---	---	---
	11/9/95	---	---	---	---	---	---	---	---	---
	3/7/96	---	---	---	---	---	---	---	---	---
	5/16/96	---	---	---	---	---	---	---	---	---
	8/30/96	---	---	---	---	---	---	---	---	---
	11/19/96	---	---	---	---	---	---	---	---	---
	2/21/97	---	---	---	---	---	---	---	---	---
	5/27/97	---	---	---	---	---	---	---	---	---
	8/7/97	---	---	---	---	---	---	---	---	---
	11/21/97	---	---	---	---	---	---	---	---	---
	2/24/98	---	---	---	---	---	---	---	---	---
	5/26/98	---	---	---	---	---	---	---	---	---
	8/26/98	---	---	---	---	---	---	---	---	---
	11/8/98	---	---	---	---	---	---	---	---	---
	2/6/99	---	---	---	---	---	---	---	---	---
	5/5/99	<50	---	<0.5	<0.5	<0.5	<1.0	---	---	---
	6/25/99	---	---	---	---	---	---	---	---	---
	5/31/00	<50	<50	8.3	4.5	2.4	8.7	7.2	<5.0	<50
	10/20/00	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	2/1/01	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	4/18/01	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	7/30/01	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	12/19/01	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	2/13/02	---	---	CAR PARKED OVER WELL				---	---	---
	4/13/02	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	7/10/02	<50	<50	<0.50	<0.50	<0.50	<1.0	7.8	<5.0	<50
	10/29/02	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	1/15/03	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	4/9/03	<50	<50	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<50
	8/13/03	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	11/5/03	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	2/18/04	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	6/16/04	<50	<50	<0.50	<0.50	<0.50	<1.0	---	---	---
	9/8/04	---	---	---	---	---	---	---	---	---
	12/21/04	---	---	---	---	---	---	---	---	---
	2/15/05	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<50
	6/20/05	---	---	---	---	---	---	---	---	---
	9/26/05	---	---	CAR PARKED OVER WELL				---	---	---

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethylenes (ug/L)	Total Xylenes (ug/L)			
MW-7	8/9/94	<		<	<	<	<		---	
	11/22/94	<		<	<	<	<		---	
	2/22/95	<		<	<	<	<		---	
	5/18/95	<		<	<	<	<		---	
	8/9/95	<		<	<	<	<		---	
	11/9/95	<		<	<	<	<		---	
	3/7/96	<		0.70	1.00	<	0.70		---	
	5/16/96	<		<	<	<	<		---	
	8/30/96	<		<0.3	<0.3	<0.3	<0.3		---	
	11/19/96	<		<	<	<	0.58		---	
	2/21/97	<50		<0.5	<0.5	<0.5	0.62		---	
	5/27/97	<50		<0.5	<0.5	<0.5	<0.5		---	
	8/7/97	<50		<0.5	<0.5	<0.5	<0.5		---	
	11/21/97	<50		<0.50	<0.50	<0.50	<1.0		---	
	2/24/98	<50		<0.50	<0.50	<0.50	<1.0		---	
	5/26/98	<50		<0.50	<0.50	<0.50	<0.50		---	
	8/26/98	<50		<0.50	<0.50	<0.50	<0.50		---	
	11/8/98	140		<0.50	3.4	1.3	9.0		---	
	2/6/99	<50		<0.5	<0.5	0.68	0.66		---	
	5/5/99	<50		<0.5	<0.5	<0.5	<1.0		---	
	6/25/99							<5.0	<5.0	<50
	5/31/00	<50	<50	0.97	<0.50	<0.50	1.20	<5.0	<5.0	<50
	10/20/00	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	1/31/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/18/01	--	--	--	--	--	--	--	--	--
	7/30/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	12/19/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	2/13/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/13/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	7/10/02	<50	<50	<0.50	<0.50	<0.50	<1.0	7.8	<5.0	<50
	10/29/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	1/15/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/9/03	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
	8/13/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	11/5/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	2/18/04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	6/16/04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	9/8/04	--	--	--	--	--	--	--	--	--
	12/21/04	--	--	--	--	--	--	--	--	--
	2/15/05	<50	<50	<0.50	0.55	<0.50	<1.0	<0.50	<0.50	<5.0
	6/20/05	--	--	--	--	--	--	--	--	--
	9/26/05	--	--	--	--	--	--	--	--	--

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA

Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	TPH as Diesel (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)	TAME (8260) (ug/L)	TBA (8260) (ug/L)
				Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)			
MW-8	5/31/00	<50	<50	0.85	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	10/20/00	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	1/31/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/18/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	7/30/01	<50	<50	<0.50	<0.50	<0.50	<1.0	9.0	<5.0	<50
	12/19/01	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	2/13/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/13/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	7/10/02	<50	<50	<0.50	<0.50	<0.50	<1.0	8.1	<5.0	<50
	10/29/02	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	1/15/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<50
	4/9/03	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
	8/13/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	11/5/03	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	2/18/04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	6/16/04	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	9/8/04	---	---	---	---	---	---	---	---	---
	12/21/04	---	---	---	---	---	---	---	---	---
	2/15/05	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<5.0
	6/20/05	--	--	--	--	--	--	--	--	--
	9/26/05	--	--	--	--	--	--	--	--	--
Deep Well										
MW-9	6/1/00	6,100	330	8,500	80	15	70	420	<50	<500
	10/20/00	3,700	1.0	3,200	23	3.4	14	150	<50	1,200
	2/1/01	4,200	230	3,200	27	3.7	17	290	<50	2,200
	4/18/01	3,400	340	2,400	13	1.8	9.7	270	<50	1,300
	7/30/01	1,300	870	970	2.2	0.63	2.1	<5.0	<50	<50
	12/19/01	920	330	800	3.3	3.4	<1.0	12	<50	1,700
	2/13/02	470	62	1,100	0.79	3.6	<1.0	20	<50	1,200
	4/13/02	480	1,400	1,300	<0.50	3.8	<1.0	28	<50	1,900
	7/10/02	69	<50	<0.50	<0.50	<0.50	<1.0	22	<50	900
	10/29/02	650	<50	330	<0.50	1.2	2.2	64	<50	1,600
	1/15/03	110	<50	1.7	<0.50	<0.50	<1.0	52	<50	1,000
	4/9/03	5,500	<80	64	3.8	2.2	14	63	<0.50	610
	8/13/03	700	<50	290	<0.50	<0.50	2.0	71	<0.50	610
	11/5/03	1,100	290	650	1.6	0.95	2.7	120	<0.50	1,100
	2/18/04	850	240	500	2.4	0.55	1.6	130	<0.50	970
	6/16/04	1,100	1300	5.3	1.4	2.4	1.6	240	82	1,400
	9/8/04	3,100	270	1,700	7.6	2.2	4.4	390	110	1,600
	12/21/04	690	290	2,100	5.9	2.1	2.7	370	70	1,200
	2/15/05	4,400	220	2,000	36	38	120	210	<2.5	<25
	6/20/05	640	45,000	1,800	5.6	2.7	3.4	300	<2.5	<25
	9/26/05	820	220	2,400	6.9	3.3	3.3	460	86	1,800
AS-2	5/16/00	81,000	2,000	5,700	37,000	3,900	23,000	26,000	80	<50
AS-3	5/16/00	<50	<50	1.9	18	3.4	14	17	<5.0	<50

NOTES:

TPH - Total Petroleum Hydrocarbons

--- -Not analyzed

MTBE - Methyl Tertiary Butyl Ether

ug/L - micrograms per Liter

TBA - Tertiary Butyl Alcohol

< -below laboratory detection limits

TAME - Tertiary Amyl Methyl Ether

FLH - Floating Liquid Hydrocarbons, not sampled

Historical Groundwater Analytical is present in the Apex Corrective Action Plan dated October 14, 1994.

Table 6
Soil Vapor Extraction Rate Calculations
Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Date	Meter (Hours)	Vapor Flow Rate (scfm)	Thermal Oxidizer Influent Sample Results (ppm)				Extraction Rates (lb/day)				Cumulative Extraction (lb)	
			TPhg	Benzene	MTBE	TPhg	Benzene	MTBE	TPhg	Benzene	TPhg	Benzene
09/17/02	30											
10/09/02	170.4	167.4	500	4.9	0.1	15	0.1	0.00	102	0.9	0	0
11/06/02	633.8	463.4	1,200	12	0.4	34	0.29	0.01	568	5	0.2	0.2
12/11/02	1,388.4	754.6	920	38	6.0	29	1.02	0.18	1,544	26	3.2	3.2
12/31/02	1,476.5	88.1	920	38	6.0	29	1.02	0.18	1,649	29	3.9	3.9
01/28/03	1,938.2	461.7	810	1,100	17	<0.4	30	0.40	0.01	2,212	43	5.8
02/25/03	2,606.7	668.5	78.0	600	5.1	<0.22	16	0.12	0.006	2,850	50	6.0
03/14/03	3,014.5	407.8	78.0	540	6.0	<0.27	14	0.14	0.007	3,105	52	6.1
03/31/03	3,435.7	829.0	78.0	540	6.0	<0.27	14	0.14	0.007	3,595	57	6.3
04/09/03	3,637.5	201.8	78.1	420	5.0	<0.28	11	0.11	0.007	3,701	58	6.4
05/07/03	4,308.7	671.2	77.7	380	4.9	<0.28	10	0.11	0.007	3,995	61	6.6
06/03/03	4,952.7	644.0	62.5	530	5.6	<0.3	11	0.10	0.006	4,278	64	6.8
07/08/03	5,781.8	829.1	63.0	590	6.0	<0.3	13	0.11	0.006	4,688	68	7.0
08/20/03	6,575.5	793.7	72.0	720	6.8	<0.3	17	0.14	0.007	5,184	72	7.2
09/03/03	6,909.0	333.5	75.0	510	4.0	<0.3	13	0.09	0.007	5,395	74	7.3
10/09/03	7,773.0	864.0	63.0	120	1.0	<0.1	3	0.02	0.006	5,673	76	7.5
11/06/03	8,421.2	648.2	79.0	560	11.0	<0.3	15	0.25	0.007	5,908	79	7.7
12/11/03	9,115.6	694.4	75.0	200	1.4	<0.1	5	0.03	0.007	6,197	83	7.9
01/06/04	9,448.1	322.5	83.0	300	3.3	<0.1	8	0.08	0.008	6,288	84	8.0
02/17/04	10,045.8	607.7	93.0	2,500	36.0	<1.0	78	0.98	0.009	7,386	98	8.2
03/16/04	10,377.7	331.9	82.0	1,300	14.0	<1.0	36	0.34	0.008	8,176	107	8.3
04/14/04	11,026.7	649.0	74.1	3,900	64.0	<0.4	97	1.39	0.010	9,979	130	8.5
05/04/04	11,270.9	244.2	68.7	2,200	31.0	<2.0	51	0.62	0.045	10,734	140	8.8
06/03/04	11,783.1	512.2	75.4	3,600	41.0	<2.0	91	0.90	0.050	12,254	156	9.8
07/08/04	12,462.8	679.7	60.0	1,500	22.0	<1.3	30	0.39	0.026	13,979	175	10.9
08/05/04	13,136.0	673.2	53.5	1,500	11.0	<0.67	27	0.17	0.012	14,784	183	11.4
09/09/04	13,859.9	723.9	79.8	2,900	38.0	<1.00	78	0.89	0.026	16,368	189	12.0
10/07/04	14,532.7	672.8	60.8	1,700	12.0	<0.25	35	0.21	0.005	17,949	214	12.4
11/11/04	15,375.9	843.2	59.1	1,400	11.0	<0.67	28	0.19	0.013	19,051	221	12.8
12/07/04	15,989.9	614.0	75.0	1,800	16.0	<0.25	46	0.35	0.006	19,990	228	13.0
01/05/05	16,304.5	314.6	65.3	2,900	30.0	<0.70	64	0.57	0.015	20,707	234	13.1
02/01/05	16,886.1	581.6	59.0	1,500	11.0	<0.30	30	0.19	0.006	21,842	243	13.4
03/03/05	17,418.0	531.9	54.0	1,500	8.8	<0.30	27	0.14	0.005	22,475	247	13.5
04/21/05	18,423.5	1,005.5	53.8	2,000	15.0	<0.40	36	0.24	0.007	23,806	255	13.8
05/09/05	18,856.7	433.2	54.0	4,000	16.0	<0.50	73	0.25	0.009	24,791	259	13.9
06/07/05	19,535.5	678.8	53.0	3,700	14.0	<0.50	66	0.22	0.009	25,755	266	14.2
07/12/05	19,843.9	314.4	46.9	3,300	13.0	<0.50	52	0.18	0.008	27,350	268	14.3
08/09/05	20,317.9	468.0	49.2	2,800	8.0	<0.40	46	0.12	0.006	28,491	271	14.4
09/13/05	20,665.4	347.5	48.5	2,900	6.6	<0.15	47	0.09	0.002	29,170	273	14.5

Note 1: Source Test conducted on 9/17/02. Quarterly calculations do not include the source test.

Note 2: Sample results from the thermal oxidizer influent used in place of the vapor extraction well manifold.

Note 3: " $<$ " indicates analytical method detection limit; method detection limits are used as stack concentrations to estimate emission rates and DEs.

Note 4: Analytical results from 03/14/03 are used to extrapolate cumulative totals through 03/31/03.

MW_{TPhg} = 90

MW_{MTBE} = 78.11

Sample Calculations

lb/day = pounds per day

ppmv = parts per million by volume = $ft^3 / 1 \times 10^6 ft^3$

scfm = standard cubic feet per minute

Extraction Rate = flow rate(ft/min) * concentration ($ft^3 / 1 \times 10^6 ft^3$) * MW (lb/lb-mole) / (384.5 (ft³/lb-mole) * 1440 min/day)

ft^3 = cubic feet

Table 7
Thermal Oxidizer Destruction Efficiency and Emission Rate Calculations
Rotten Robbie
7200 Healdsburg Avenue
Sebastopol, California

Date	Meter	Stack Flow Rate (Hours)	Stack Sample Results (ppmv)			Emission Rates (lb/day)			Destruction Efficiency (%)		
			TPHg	Benzene	MTBE	TPHg	Benzene	MTBE	TPHg	Benzene	MTBE
9/17/02		3.0									
10/9/02		170.4	87	<5.0	0.35	<0.05	0.15	0.0013	99.0	99.0	28.6
11/6/02		633.8	83	<5.0	<0.050	<0.10	0.14	0.0012	99.6	99.6	77.3
12/1/10/02		1,388.4	92	0.8	0.16	<0.001	0.16	0.0013	99.5	99.9	98.3
1/28/03		1,938.2	86	<5.0	<0.050	<0.10	0.14	0.0013	99.5	99.7	73.5
2/25/03		2,606.7	83	<5.0	<0.050	<0.10	0.14	0.0012	99.1	99.0	51.6
3/14/03		3,014.5	83	<5.0	<0.050	<0.10	0.14	0.0012	99.0	99.1	60.6
4/9/03		3,637.5	83	<5.0	<0.050	<0.10	0.14	0.0012	99.0	99.1	60.4
5/7/03		4,308.7	83	<5.0	<0.050	<0.10	0.14	0.0012	98.7	98.9	62.0
6/3/03		4,952.7	68	<5.0	<0.050	<0.10	0.11	0.0010	98.9	99.1	68.9
7/8/03		5,781.8	68	<5.0	<0.050	<0.10	0.11	0.0010	99.0	99.0	61.1
8/20/03		6,575.5	77	<5.0	<0.050	<0.10	0.13	0.0011	99.0	99.0	56.3
9/3/03		6,909.0	80	<5.0	<0.050	<0.10	0.13	0.0012	99.2	99.2	60.3
10/9/03		7,773.0	68	<5.0	<0.050	<0.10	0.11	0.0010	99.1	98.9	67.6
11/6/03		8,421.2	84	<5.0	<0.050	<0.10	0.14	0.0012	94.4	93.3	52.4
12/1/10/03		9,115.6	80	<5.0	<0.050	<0.10	0.13	0.0012	99.1	99.5	63.8
1/6/04		9,438.1	88	<5.0	<0.050	<0.10	0.15	0.0013	97.1	95.8	58.1
2/17/04		10,045.8	98	<5.0	<0.050	<0.10	0.17	0.0014	98.0	98.2	57.8
3/16/04		10,377.7	83	<5.0	<0.050	<0.10	0.14	0.0012	99.8	99.9	68.1
4/14/04		11,026.7	79	<5.0	<0.050	<0.10	0.13	0.0012	99.6	99.7	65.6
5/4/04		11,270.9	73	<5.0	<0.050	<0.10	0.12	0.0011	99.9	99.9	75.3
6/3/04		11,783.1	80	<5.0	<0.050	<0.10	0.14	0.0012	99.7	99.8	94.2
7/8/04		12,446.2	65	<5.0	<0.050	<0.10	0.11	0.0009	99.9	99.9	95.7
8/5/04		13,136.0	59	<5.0	<0.050	<0.10	0.10	0.0009	99.7	99.8	92.5
9/9/04		13,859.9	85	<5.0	<0.050	<0.10	0.14	0.0012	99.5	99.3	76.2
10/7/04		14,532.7	66	<5.0	<0.050	<0.10	0.11	0.0010	99.9	99.9	91.7
11/1/10/04		15,375.9	64	<5.0	<0.050	<0.10	0.11	0.0009	99.7	99.6	57.7
12/7/04		15,989.9	80	<5.0	<0.050	<0.10	0.14	0.0012	99.5	99.4	79.7
1/5/05		16,304.5	71	<5.0	<0.050	<0.10	0.12	0.0010	99.7	99.7	62.2
2/1/05		16,886.1	64	<5.0	<0.050	<0.10	0.11	0.0009	99.8	99.8	86.0
3/3/05		17,418.0	68	<5.0	<0.050	<0.10	0.11	0.0010	99.6	99.5	61.6
4/21/05		18,423.5	58	<5.0	<0.050	<0.10	0.10	0.0008	99.6	99.4	64.2
5/19/05		18,836.7	58	<5.0	<0.050	<0.10	0.10	0.0008	99.7	99.6	73.0
6/7/05		19,535.5	56	<5.0	<0.050	<0.10	0.09	0.0008	99.9	99.7	79.3
7/12/05		19,849.9	52	<5.0	<0.050	<0.10	0.09	0.0008	99.9	99.6	80.4
8/19/05		20,317.9	54	6.7	<0.050	<0.10	0.12	0.0008	99.8	99.6	77.0
9/13/05		20,665.4	53	<5.0	<0.050	<0.10	0.09	0.0008	99.8	99.3	73.1

Note 1: “<” indicates analytical method detection limit; method detection limits are used as stack concentrations to estimate emission rates and DEs.

$$MW_{TPHg} = 90$$

Sample Calculations

lb/day = pounds per day

NS = not sampled

ppmv = parts per million by volume = $\text{ft}^3 / 1 \times 10^6 \text{ ft}^3$

scfm = standard cubic feet per minute

Emission rate = flow rate(ft^3/min) * concentration ($\text{ft}^3/\text{lb}-\text{mole}$) / 384.5 ($\text{ft}^3/\text{lb}-\text{mole}$) * 1440 min/day

Destruction Efficiency = [(Extraction rate - Emission rate)/Extraction rate] * 100%

ft³ = cubic feet

APPENDIX A

APEX STANDARD OPERATING PROCEDURES

APEX ENVIROTECH, INC.
STANDARD OPERATING PROCEDURES
Quarterly Monitoring Reports

SOP – 4
SAMPLE IDENTIFICATION AND CHAIN-OF-CUSTODY PROCEDURES

Sample identification and chain-of-custody procedures ensure sample integrity as well as document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis is labeled to identify the job number, date, time of sample collection, a sample number unique to the sample, any in-field measurements made, other pertinent field observations also recorded on the field excavation or boring logs.

Chain-of-custody forms are used to record possession of the sample from time of collection to arrival at the laboratory. During shipment, the person with custody of the samples will relinquish them to the next person by signing the chain-of-custody form(s) and noting the date and time. The sample control officer at the laboratory will verify sample integrity, correct preservation, confirm collection in the proper container(s), and ensure adequate volume for analysis.

If these conditions are met, the samples will be assigned unique laboratory log numbers for identification throughout analysis and reporting. The log numbers will be recorded on the chain-of-custody forms and in the legally-required log book maintained in the laboratory. The sample description, date received, client's name, and any other relevant information will also be recorded.

SOP – 5
LABORATORY ANALYTICAL QUALITY ASSURANCE AND CONTROL

In addition to routine instrument calibration, replicates, spikes, blanks, spiked blanks, and certified reference materials are routinely analyzed at method-specific frequencies to monitor precision and bias. Additional components of the laboratory Quality Assurance/Quality Control program include:

- 1 Participation in state and federal laboratory accreditation/certification programs;
- 2 Participation in both U.S. EPA Performance Evaluation studies (WS and WP studies) and inter-laboratory performance evaluation programs;
- 3 Standard operating procedures describing routine and periodic instrument maintenance;
- 4 "out-of-Control"/Corrective Action documentation procedures; and,
- 5 Multi-level review of raw data and client reports

SOP – 7
GROUNDWATER PURGING AND SAMPLING

Prior to water sampling, each well is purged by evacuating a minimum of three wetted well-casing volumes of groundwater. When required, purging will continue until either the discharge water temperature, conductivity, or pH stabilize, a maximum of ten wetted-casing volumes of groundwater have been recovered, or the well is bailed dry.

When practical, the groundwater sample should be collected when the water level in the well recovers to at least 80 percent of its static level.

The sampling equipment consists of either a "Teflon" bailer, PVC bailer, or stainless steel bladder pump with a "Teflon" bladder. If the sampling system is dedicated to the well, then the bailer is usually "Teflon," but the bladder pump is PVC with a polypropylene bladder. In general and depending on the intended laboratory analysis, 40-milliliter glass, volatile organic analysis (VOA) vials, with "Teflon" septa, are used as sample containers.

SOP – 12
MEASURING LIQUID LEVELS USING WATER LEVEL METER OR INTERFACE PROBE

Field equipment used for liquid-level gauging typically includes the measuring instrument (water-level meter or interface probe and product bailer(s)). The field kit also includes cleaning supplies (buckets, solution, spray bottles, and deionized water) to be used in cleaning the equipment between wells.

Prior to measurements, the instrument tip is lowered into the well until it touches bottom. Using the previously established top-of-casing or top-of-box (i.e., wellhead vault) point, the probe cord (or halyard) is marked and a measuring tape (graduated in hundredths of a foot) is used to determine the distance between the probe end and the marking on the cord. This measurement is then recorded on the liquid-level data sheet as the "Measured Total Depth" of the well.

When necessary in using the interface probe to measure liquid levels, the probe is first electrically grounded to either the metal stove pipe or another metal object nearby. When no ground is available, reproducible measurements can be obtained by clipping the ground lead to the handle of the interface probe case.

The probe tip is then lowered into the well and submerged in the groundwater. An oscillating (beeping) tone indicates the probe is in water. The probe is slowly raised until either the oscillating tone ceases or becomes a steady tone. In either case, this is the depth-to-water (DTW) indication of the DTW measurement is made accordingly. The steady tone indicates floating liquid hydrocarbons (FLH). In this case, the depth-to-product (DTP) indication and the DTP measurement is made accordingly.

The process of lowering and raising the probe must be repeated several times to ensure accurate measurements. The DTW and DTP measurements are recorded on the liquid-level data sheet. When FLH are indicated by the probe's response, a product bailer is lowered partially through the FLH water interface to confirm the FLH thickness, particularly in cases where the FLH layer is quite thin. This measurement is recorded on the data sheet as "FLH thickness".

In order to avoid cross-contamination of wells during the liquid-level measurement process, wells are measured in the order of "clean" to "dirty" (where such information is available). In addition, all measurement equipment is cleaned with solution and thoroughly rinsed with deionized water before use, between measurements in respective wells, and at the completion of the day's use.

APPENDIX B

FIELD DATA SHEETS



Groundwater Level Data Sheet

Project ERA 02.005
Location _____
Date _____
Recorded By _____

Well Volume Calculation:
 $(2'' \times 0.16) (4'' \times 0.85)$



Monitoring Data

Project: _____
Project Number: _____
Date: _____

Recorded By: _____

WELL	TIME	TEMP (deg F)	pH	COND. (μS/cm)	DISSOLVED OXYGEN	TOTAL VOLUME REMOVED	COMMENTS/OBSERVATIONS
MW-1	Well 13	Dry			0.16		
	1240	No Sample			2.6		
					4.9		Sampled @ —
MW-2	1230 Well	Went Dry	—		5.5		
	After 1:0 gals		—		11.0		
					16.7		Sampled @ 1500
MW-4	1350	Went dry after 8.0 gals	5.3		oder & thick		
	1400						
	1410				10.6		
					16.0		Sampled @ 1430
MW-9	1255						
	1310				10.6		oder [redacted]
					20.5		
2	1330				31.8		Sampled @ 1525
							Sampled before

Remediation System
Field Data Sheet

Dave's Pit Stop
Sebastopol, California
ERA02.005

Apex Envirotech, Inc.

Date of site visit:	07/12/05	Time of arrival:	10:00	Time of departure:	14:00	APEX employee:	PCW/KTM			
System status upon arrival:				System status upon shutdown:						
						Alarm Indications (if shutdown):				
Oil Level	AWS Level	Natural Gas	Hour	Current	Chart	Dilution	level			
Check	Check	Meter	Flowrate	Meter	Flow	Air				
OK or Low	OK or High	(cu. ft.)	(cfm)	(hours)	(cfm)	(% Open)				
OK	OK	303,500	4.9	19,849.9	34.4	5				
VAPOR EXTRACTION SYSTEM										
Temperature Indicating Controller (TIC)	High Limit	Gas	Regulated	Modulated	AIR SPARGE SYSTEM					
Controller	Actual Temp.	Temp	Pressure	Gas Pressure	Compressor					
(°F)	(°F)	(°F)	(psig)	(" w.c.)	Discharge Pressure	Temperature	Pressure			
1450	1,462	1,800	3.5	35	(psi)	(°F)	(psig)			
				18	10	10	—			
THERMAL OXIDIZER										
SVE BLOWER (THOXINF)	Temp. (°F)	Delta PI ("w.c.)	Pressure (psig)	Flow (scfm)						
VEW MANIFOLD	202	0.40	2.1	46.9						
VEW	79	0.21	-95.0	20.0						
VAPOR EXTRACTION WELLS										
Well	Valve Position	Vacuum ("w.c.)	Well Position	Well	AIR SPARGE WELLS					
	(% OPEN)	(°w.c.)			Valve Position	Well	Valve Position			
VEW-1	0	—	AS-2 Deep	100	AS-6	AS-6	100			
VEW-2	0	—	AS-2 Shallow	0	AS-7	AS-7	100			
VEW-3	0	—	AS-3 Deep	100	AS-8	AS-8	100			
VEW-4	0	—	AS-3 Shallow	0						
MW-1	15%	50	AS-4 Deep	100						
MW-2	0	—	AS-4 Shallow	0						
MW-4	100%	79	AS-5 Deep	100						
			AS-5 Shallow	0						
SAMPLES COLLECTED AND SAMPLE TIMES										
Air Sample ID's:	Time	Sampler	PID	FIELD NOTES						
THOXEFF	EFF	11:55	KTM	0	Found AWS at high level					
THOXINF	INF	12:05	KTM	9,999	Collected vapor samples					
VEW/MAN										
VEW-1										
VEW-2										
VEW-3										
VEW-4										
MW-1										
MW-2										
MW-4										

Remediation System Field Data Sheet

Dave's Pit Stop
Sebastopol, California
577-1000

Date of site visit:	7/26/2005	APEX employee: KTM			
Time of arrival:	10:30	System status upon arrival:			
Time of departure:	13:45	Shutdown			
VAPOR EXTRACTION SYSTEM					
Oil Level Check	AWS Level Check	Natural Gas Meter	Hour	Current	Dilution
OK or Low	OK or High	(cu. ft.) (cfm)	Meter (hours)	Time (hours)	Flow (cfm)
OK	OK	337,200	4.7	19,982.7	80
THERMAL OXIDIZER					
Temperature Indicating Controller (TIC)	High Limit	Gas Pressure	Regulated	Modulated	
Controller	Actual Temp. (°F)	(°F)	(psig)	" w.c.) (" w.c.)	
1,450	1,448	1,800	4	36	7
VAPOR EXTRACTION WELLS					
Well	Valve Position (% OPEN)	Vacuum ("w.c.)	Well Position	Well Position	Valve Position
VEW-1	0	(% OPEN) ("w.c.)	AS-2 Deep	100	AS-6 100
VEW-2	0		AS-2 Shallow	0	AS-7 100
VEW-3	0		AS-3 Deep	100	AS-8 100
VEW-4	0		AS-3 Shallow	0	
MW-1	25%	58	AS-4 Deep	100	
MW-2	0		AS-4 Shallow	0	
MW-4	100%	75	AS-5 Deep	100	
			AS-5 Shallow	0	
SAMPLES COLLECTED AND SAMPLE TIMES					
Air Sample ID's:	Time	Sampler	PID	FIELD NOTES	
THOXEFF		(ppmv)			
THOXINF		0			
VEWMAN				3,943	
VEW-1				2,565	
VEW-2					
VEW-3					
VEW-4					
MW-1				30	
MW-2					
MW-4				3,770	

Remediation System Field Data Sheet

Dave's Pit Stop
Sebastopol, California
EBA02 005

Apex Envirotech, Inc.

Date of site visit:	8/9/05	APEX employee: KTM				
Time of arrival:	11:30	System status upon arrival:				
Time of departure:	13:00	Operating				
VAPOR EXTRACTION SYSTEM						
Oil Level Check	AWS Level Check	Natural Gas Meter	Hour Meter	Current Time	Chart Flow	Dilution Air
OK or Low	OK or High	(cu. ft.) (cfm)	(hours)	(hours)	(cfm) (% Open)	
OK	OK	431,200	4.9	20,317.9	12:30 59.2	5
THERMAL OXIDIZER						
Temperature Indicating Controller (TIC)	High Limit	Gas Pressure	Regulated	Modulated		
Controller	Actual Temp. (°F)	(psig)	(w.c.)	(w.c.)	Discharge Pressure (psi)	Temperature (°F)
1,450	1,453	1,800	4.2	5	11	132 N/R
VAPOR EXTRACTION WELLS						
Well	Valve Position (% OPEN)	Vacuum ("w.c.)	Well Position	Valve Well		
VEW-1	0	(w.c.)	AS-2 Deep	100 AS-6	100	
VEW-2	0		AS-2 Shallow	0 AS-7	100	
VEW-3	0		AS-3 Deep	100 AS-8	100	
VEW-4	0		AS-3 Shallow	0		
MW-1	15%	75	AS-4 Deep	100		
MW-2	0		AS-4 Shallow	0		
MW-4	100%	75	AS-5 Deep	100		
			AS-5 Shallow	0		
AIR SPARGE SYSTEM						
				Compressor		
				Pressure (psig)	Temperature (°F)	Flow (scfm)
				11	132	N/R
AIR SPARGE WELLS						
Well	Valve Position (% OPEN)	Vacuum ("w.c.)	Well Position	Valve Well		
VEW-1	0	(w.c.)	AS-2 Deep	100 AS-6	100	
VEW-2	0		AS-2 Shallow	0 AS-7	100	
VEW-3	0		AS-3 Deep	100 AS-8	100	
VEW-4	0		AS-3 Shallow	0		
MW-1	15%	75	AS-4 Deep	100		
MW-2	0		AS-4 Shallow	0		
MW-4	100%	75	AS-5 Deep	100		
			AS-5 Shallow	0		
FLOWRATES						
				Delta PI (°F)	Pressure (± "w.c.)	Flow (scfm)
				SVE BLOWER (THOXINF)	172 0.42	1.8 49.2
				VEW MANIFOLD	86 0.06	-75.0 11.0
SAMPLES COLLECTED AND SAMPLE TIMES						
Air Sample ID's:		Time	Sampler	PID (ppmv)	FIELD NOTES	
THOEXFF	EFF	12:30	KTM	15.4	Collected vapor samples	
THOXINF	INF	12:45	KTM	2,873		
VEWMAN	VEWMAN	13:00	KTM	2,445		
VEW-1						
VEW-2						
VEW-3						
VEW-4						
MW-1						
MW-2						
MW-4						

Remediation System
Field Data Sheet

Dave's Pit Stop
Sebastopol, California
ERA02.005

Apex Envirotech, Inc.

Date of site visit:	8/23/2005
Time of arrival:	10:00
Time of departure:	12:00

VAPOR EXTRACTION SYSTEM					
Oil Level	AWS Level	Natural Gas	Hour	Current	Chart
Check	Check	Meter	Flowrate	Meter	Dilution
OK or Low	OK or High	(cu. ft.)	(cfm)		
OK	OK	524,800	6.80	20,651.8	10:10
				61.7	5

Thermal Oxidizer

Temperature indicating Controller (T)	High Limit	Gas Pressure	Regulated Gas Pressure	Modulated
Controller	Actual Temp.	(°F)	(psig)	(" w.c.)
1,450	1,443	1,800	5	37
				7.0

VAPOR EXTRACTION WELLS

Well	Valve Position	Vacuum	Well	Valve Position	Well	Valve Position
	(% OPEN)	("w.c.)	AS-2 Deep	100	AS-6	100
VEW-1	0%		AS-2 Shallow	0	AS-7	100
VEW-2	0%		AS-3 Deep	100	AS-8	100
VEW-3	0%		AS-3 Shallow	0		
VEW-4	0%		AS-4 Deep	100		
MW-1	100%	80	AS-4 Shallow	0		
MW-2	0%		AS-5 Deep	100		
MW-4	100%	80	AS-5 Shallow	0		

AIR SPARGE WELLS

AIR SPARGE SYSTEM			
Compressor		Discharge Pressure (psi)	Temperature (°F)
		Pressure (psig)	Flow (scfm)
		10	100
		100	100

SAMPLES COLLECTED AND SAMPLE TIMES

Air Sample ID's:	Time	Sampler	PID	FIELD NOTES
THOXEFF			(ppmv)	Lubricated SV/E blower with NLGI
THOXINF			0.0	Lubricated air sparge compressor bearings with Amblygon grease
VEWMAN			1,719	Replaced chart paper
VEW-1			2,500	
VEW-2				Water
VEW-3				Water
VEW-4				Water
MW-1			50	
MW-2			0	
MW-4			4,082	

Remediation System
Field Data Sheet

Dave's Pit Stop
Sebastopol, California
ERA02.005

Apex Envirotech, Inc.

Date of site visit:	9/13/2005	AWS Level	Natural Gas	Hour	Current	Chart	Dilution	PCW
Time of arrival:	09:00	Meter	Flowrate	Meter	Time	Flow	Air	Low flow
Time of departure:	1:00	(cu. ft.)	(cfm)	(hours)	(hours)	(cm)	(% Open)	Low temp
VAPOR EXTRACTION SYSTEM								
Coil Level	AWS Level	Natural Gas	Hour	Current	Chart	Dilution	PCW	Alarm Indications (if shutdown):
Check	Check	Meter	Flowrate	Meter	Time	Flow	Air	Shutdown
OK or Low	OK or High	(cu. ft.)	(cfm)	(hours)	(hours)	(cm)	(% Open)	
OK	OK	539,500	4	20,665.4	09:40	41	5	
THERMAL OXIDIZER								
Temperature Indicating Controller (TIC)	High Limit	Gas	Regulated	Modulated	Discharge Pressure	Temperature	Pressure	Flow
Controller	Actual Temp.	Temp	Pressure	Gas Pressure	(psi)	(°F)	(psig)	Compressor
(°F)	(°F)	(°F)	(psig)	(["] w.c.)	(psi)	(°F)	(psig)	(scfm)
1,450	1,460	1,800	5	35	5	10	100	10
VAPOR EXTRACTION WELLS								
Well	Valve Position	Vacuum	Well	Valve Position	Well	Valve Position	Valve Position	
(% OPEN)	(["] w.c.)		AS-2 Deep	100	AS-6	100		
VEW-1	0		AS-2 Shallow	0	AS-7	100		
VEW-2	0		AS-3 Deep	100	AS-8	100		
VEW-3	0		AS-3 Shallow	0				
VEW-4	0		AS-4 Deep	100				
MW-1	10%	85	AS-4 Shallow	0				
MW-2	0		AS-5 Deep	100				
MW-4	100%	90	AS-5 Shallow	0				
AIR SPARGE WELLS								
Well	Valve Position	Vacuum	Well	Valve Position	Well	Valve Position	Valve Position	
(% OPEN)	(["] w.c.)		AS-2 Deep	100	AS-6	100		
VEW-1	0		AS-2 Shallow	0	AS-7	100		
VEW-2	0		AS-3 Deep	100	AS-8	100		
VEW-3	0		AS-3 Shallow	0				
VEW-4	0		AS-4 Deep	100				
MW-1	10%	85	AS-4 Shallow	0				
MW-2	0		AS-5 Deep	100				
MW-4	100%	90	AS-5 Shallow	0				
SAMPLES COLLECTED AND SAMPLE TIMES								
Air Sample IDs:		Time	Sampler	PID	ppmv	Re-started system	FIELD NOTES	
THOXEFF	EFF	10:30	PCW	0		Adjusted combustion chamber air vent to maintain temp		
THOXINF					3,570			
VEWMAN	INF	10:40	PCW	3,280				
VEW-1								
VEW-2								
VEW-3								
VEW-4								
MW-1					125			
MW-2								
MW-4					4,520			

Remediation System
Field Data Sheet

Dave's Pit Stop
Sebastopol, California
ERA02.005

Apex Envirotech, Inc.

Date of site visit:	9/27/2005
Time of arrival:	08:30
Time of departure:	12:00

VAPOR EXTRACTION SYSTEM

Oil Level	AWS Level	Natural Gas Meter	Hour Meter	Current Time	Chart Flow	Dilution Air
Check	OK	Flowrate (cu. ft.)	(cfm)	(hours)	(cfm)	(% Open)
OK or Low	OK or High	608,000	5,00	20,967.4	54.1	8

THERMAL OXIDIZER

Temperature Indicating Controller	High Limit	Gas Pressure	Regulated Gas Pressure	Modulated Modulated Pressure
Controller Actual Temp (°F)	Temp (°F)	Pressure (psig)	(w.c.) (" w.c.)	(w.c.) (" w.c.)

VAPOR EXTRACTION WELLS

Well	Valve Position	Vacuum	Well	Valve Position	Well	Valve Position
	(% OPEN)	("w.c.)	AS-2 Deep	100	AS-6	100
VEW-1	0%		AS-2 Shallow	0	AS-7	100
VEW-2	0%		AS-3 Deep	100	AS-8	100
VEW-3	0%		AS-3 Shallow	0		
VEW-4	0%		AS-4 Deep	100		
MW-1	10%	61	AS-4 Shallow	0		
MW-2	0%		AS-5 Deep	100		
MW-4	100%	70	AS-5 Shallow	0		

AIR SPARGE SYSTEM

Compressor	
Discharge Pressure (psi)	Temperature (°F)
10	100

AIR SPARGE WELLS

FLOWRATES	
SVE BLOWER (THOXINF)	Temp. (°F)
VEW MANIFOLD	Delta PI ("w.c.)

SAMPLES COLLECTED AND SAMPLE TIMES

Air Sample ID's:	Time	Sampler	PID (ppmv)	FIELD NOTES
THOXEFF			32.6	Re-started from QM event.
THOXINF			900	
VEWMAN			1,780	3 drums on site (one full, one mt, one 1/4 full)
VEW-1				
VEW-2				
VEW-3				
VEW-4				
MW-1				20
MW-2				
MW-4				3,878

APPENDIX C

**LABORATORY ANALYTICAL REPORT AND
CHAIN-OF-CUSTODY FORM**

CALIFORNIA LABORATORY SERVICES

CHAIN OF CUSTODY

CLS ID. NO. BLJ0878

Report To:

Name and Address

ERA02.005-QM

Apex Envirotech, Inc.

11244 Pyrites Wy., Gold River, CA 95670

Project Manager
Rich Johnson

Project Name
Dave's Pit Stop

Sampled By
L. Beesley

Job Description
3rd quart water

Client Job Number

Destination Laboratory

CLS (916) 638-7301
3249 Fitzgerald Road
Rancho Cordova, CA
95742
www.californiabld.com

OTHER

YES NO

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T060930469

FIELD CONDITIONS:

PRESERVATIVES

COMPOSITE

ANALYSIS REQUESTED

T	T	B	M	T	T	A	B
P	P	T	E	B	M	A	
H	H	E	E				
g	d	X	E				
8	8						

REPORT

8	8	8	8	8	8	8	8
0	0	0	0	2	2	2	2
1	1	1	1	0	2	2	2
5	5	5	5	2	6	6	6
0	0	0	0	0	0	0	0

GLOBAL ID: T06093

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

October 04, 2005

CLS Work Order #: COI0838
COC #: No Number

Rich Johnson
APEX Envirotech Inc - Gold River
11244 Pyrites Way
Gold River, CA 95670

Project Name: Dave's Pit Stop

Enclosed are the results of analyses for samples received by the laboratory on 09/27/05 08:00.
Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved
methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph D
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02 005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
---	---	---------------------------

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (COI0838-01) Water Sampled: 09/26/05 15:00 Received: 09/27/05 08:00									
Diesel	ND	0 050	mg/l	1	CO07451	09/30/05	09/30/05	EPA 8015M	
MW-4 (COI0838-02) Water Sampled: 09/26/05 14:30 Received: 09/27/05 08:00									
Diesel	68	1 0	mg/l	20	CO07451	09/30/05	09/30/05	EPA 8015M	DSL-1
MW-9 (COI0838-03) Water Sampled: 09/26/05 15:25 Received: 09/27/05 08:00									
Diesel	0.22	0 050	mg/l	1	CO07451	09/30/05	09/30/05	EPA 8015M	DSL-1

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742 www.californialab.com 916-638-7301 Fax: 916-638-4510

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02 005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
---	---	---------------------------

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (COI0838-01) Water Sampled: 09/26/05 15:00 Received: 09/27/05 08:00									
Gasoline	ND	50	µg/L	1	CO07363	09/28/05	09/28/05	8015M/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate o-Chlorotoluene (Gas)</i> 110 % 65-135 " " " "									
MW-4 (COI0838-02) Water Sampled: 09/26/05 14:30 Received: 09/27/05 08:00									
Gasoline	47000	2500	µg/L	50	CO07363	09/28/05	09/28/05	8015M/8021B	GC-25
Benzene	360	25	"	"	"	"	"	"	
Toluene	11000	250	"	500	"	"	"	"	
Ethylbenzene	910	25	"	50	"	"	"	"	
Xylenes (total)	16000	500	"	500	"	"	"	"	
<i>Surrogate o-Chlorotoluene (Gas)</i> 102 % 65-135 " " " "									
MW-9 (COI0838-03) Water Sampled: 09/26/05 15:25 Received: 09/27/05 08:00									
Gasoline	820	50	µg/L	1	CO07363	09/28/05	09/28/05	8015M/8021B	GC-25
Benzene	2400	50	"	100	"	"	"	"	
Toluene	6.9	0.50	"	1	"	"	"	"	
Ethylbenzene	3.3	0.50	"	"	"	"	"	"	
Xylenes (total)	3.3	1.0	"	"	"	"	"	"	
<i>Surrogate o-Chlorotoluene (Gas)</i> 108 % 65-135 " " " "									

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02.005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
---	---	---------------------------

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (COI0838-01) Water Sampled: 09/26/05 15:00 Received: 09/27/05 08:00									
Di-isopropyl ether	ND	0.50	µg/L	1	CO07302	09/27/05	09/27/05	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.82	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate Toluene-d8</i> 104 % 72-125 " " " "									
MW-4 (COI0838-02) Water Sampled: 09/26/05 14:30 Received: 09/27/05 08:00									
Methyl tert-butyl ether	14	5.0	µg/L	10	CO07353	09/28/05	09/28/05	EPA 8260B	
tert-Amyl methyl ether	130	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	2700	50	"	"	"	"	"	"	
<i>Surrogate Toluene-d8</i> 98.3 % 72-125 " " " "									
MW-9 (COI0838-03) Water Sampled: 09/26/05 15:25 Received: 09/27/05 08:00									
Di-isopropyl ether	ND	2.5	µg/L	5	CO07302	09/27/05	09/27/05	EPA 8260B	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	460	2.5	"	"	"	"	"	"	
tert-Amyl methyl ether	86	2.5	"	"	"	"	"	"	
Tert-butyl alcohol	1800	25	"	"	"	"	"	"	
<i>Surrogate Toluene-d8</i> 106 % 72-125 " " " "									

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02 005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
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Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
Batch CO07451 - EPA 3510B GCNV										
Blank (CO07451-BLK1)										
Prepared & Analyzed: 09/30/05										
Diesel	ND	0 050	mg/L							
Motor Oil	ND	0 050	"							
Hydraulic Oil	ND	0 050	"							
Mineral Oil	ND	0 050	"							
Kerosene	ND	0 050	"							
JP-5/JP-8	ND	0 050	"							
LCS (CO07451-BS1)										
Prepared & Analyzed: 09/30/05										
Diesel	2 71	0 050	mg/L	2 50		108	65-135			
LCS Dup (CO07451-BSD1)										
Prepared & Analyzed: 09/30/05										
Diesel	2 68	0 050	mg/L	2 50		107	65-135	1.11	30	
Matrix Spike (CO07451-MS1)										
Source: COI0917-12 Prepared & Analyzed: 09/30/05										
Diesel	2 38	0 050	mg/L	2 50	ND	95.2	46-137			
Matrix Spike Dup (CO07451-MSD1)										
Source: COI0917-12 Prepared & Analyzed: 09/30/05										
Diesel	2 45	0 050	mg/L	2 50	ND	98.0	46-137	2 90	30	

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02 005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
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Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO07363 - EPA 5030 Water GC										
Blank (CO07363-BLK1)										
Prepared & Analyzed: 09/28/05										
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate o-Chlorotoluene (BTEX)	23.7		"	20.0		118	65-135			
Surrogate o-Chlorotoluene (Gas)	22.0		"	20.0		110	65-135			
LCS (CO07363-BS1)										
Prepared & Analyzed: 09/28/05										
Gasoline	427	50	µg/L	500		85.4	65-135			
Surrogate o-Chlorotoluene (Gas)	22.0		"	20.0		110	65-135			
LCS Dup (CO07363-BSD1)										
Prepared & Analyzed: 09/28/05										
Gasoline	443	50	µg/L	500		88.6	65-135	3.68	30	
Surrogate o-Chlorotoluene (Gas)	22.8		"	20.0		114	65-135			
Matrix Spike (CO07363-MS1)										
Source: COI0811-19 Prepared & Analyzed: 09/28/05										
Gasoline	410	50	µg/L	500	ND	82.0	65-135			
Surrogate o-Chlorotoluene (Gas)	22.5		"	20.0		112	65-135			
Matrix Spike Dup (CO07363-MSD1)										
Source: COI0811-19 Prepared & Analyzed: 09/28/05										
Gasoline	389	50	µg/L	500	ND	77.8	65-135	5.26	30	
Surrogate o-Chlorotoluene (Gas)	22.9		"	20.0		114	65-135			

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02-005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CO07302 - EPA 5030 Water MS

Blank (CO07302-BLK1)	Prepared & Analyzed: 09/27/05								
Di-isopropyl ether	ND	0.50	µg/L						
Ethyl tert-butyl ether	ND	0.50	"						
Methyl tert-butyl ether	ND	0.50	"						
tert-Amyl methyl ether	ND	0.50	"						
Tert-butyl alcohol	ND	5.0	"						
Benzene	ND	0.50	"						
Toluene	ND	0.50	"						
Ethylbenzene	ND	0.50	"						
Xylenes (total)	ND	1.0	"						
<i>Surrogate Toluene-d8</i>	10.3		"	10.0	103	72-125			
LCS (CO07302-BS1)	Prepared & Analyzed: 09/27/05								
Methyl tert-butyl ether	23.4	0.50	µg/L	20.0	117	52-130			
<i>Surrogate Toluene-d8</i>	10.5		"	10.0	105	72-125			
LCS Dup (CO07302-BSD1)	Prepared & Analyzed: 09/27/05								
Methyl tert-butyl ether	23.7	0.50	µg/L	20.0	118	52-130	1.27	30	
<i>Surrogate Toluene-d8</i>	10.4		"	10.0	104	72-125			

Batch CO07353 - EPA 5030 Water MS

Blank (CO07353-BLK1)	Prepared & Analyzed: 09/28/05						
Di-isopropyl ether	ND	0.50	µg/L				
Ethyl tert-butyl ether	ND	0.50	"				
Methyl tert-butyl ether	ND	0.50	"				
tert-Amyl methyl ether	ND	0.50	"				
Tert-butyl alcohol	ND	5.0	"				
<i>Surrogate Toluene-d8</i>	10.2		"	10.0	102	72-125	

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02 005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch CO07353 - EPA 5030 Water MS

LCS (CO07353-BS1)	Prepared & Analyzed: 09/28/05					
Methyl tert-butyl ether	21.2	0.50	µg/L	20.0	106	52-130
Surrogate Toluene-d8	10.4	"		10.0	104	72-125

LCS Dup (CO07353-BSD1)	Prepared & Analyzed: 09/28/05					
Methyl tert-butyl ether	21.8	0.50	µg/L	20.0	109	52-130 2.79 30
Surrogate Toluene-d8	10.4	"		10.0	104	72-125

CALIFORNIA LABORATORY SERVICES

10/04/05 09:22

APEX Envirotech Inc - Gold River 11244 Pyrites Way Gold River, CA 95670	Project: Dave's Pit Stop Project Number: ERA02.005-QM Project Manager: Rich Johnson	CLS Work Order #: COI0838
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Notes and Definitions

GC-25	Weathered gasoline
DSL-1	Although sample contains compounds in the retention time range associated with diesel, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on diesel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



**2795 2nd Street Suite 300
Davis, CA 95616**
Lab: 530.297.4808
Fax: 530.297.4808

Project Contact (Hardcopy or PDF To):

Rich Johnson
Company

11244 Pyrites Way	Gold River, CA	95670
Phone No.:	Fax No.:	
(916) 851-0174	(916) 851-0177	
Project Number:	P.O. No.:	
ERA02.005	ERA02.005	
Project Name:		
Dow's Pet Shop		

Project Address:

200 Healdsburg Ave., Sebastopol,
CA 95472

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Lab No. 44754 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Remarks:

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7-13-05 0800
Date Time

PLATE I. LINE DRAWINGS.

Date Time Received by | aboratory

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Michelle Spencer Kiff Analytical



Report Number : 44754

Date : 7/19/2005

Richard Johnson
Apex Envirotech Inc.
11244 Pyrites Way
Gold River, CA 95670-4481

Subject : 2 Vapor Samples
Project Name : Dave's Pit Stop
Project Number : ERA02 005
P.O. Number : ERA02.005

Dear Mr Johnson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 44754

Date : 7/19/2005

Project Name : Dave's Pit Stop

Project Number : ERA02.005

Sample : THOXEFF

Matrix : Air

Lab Number : 44754-01

Sample Date : 7/12/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005
Toluene	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005
Methyl-t-butyl ether (MTBE)	< 0.10	0.10	ppmv	EPA 8260B	7/13/2005
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	7/13/2005
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	7/13/2005
4-Bromofluorobenzene (Surr)	99.3		% Recovery	EPA 8260B	7/13/2005

Sample : THOXINF

Matrix : Air

Lab Number : 44754-02

Sample Date : 7/12/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	13	0.60	ppmv	EPA 8260B	7/13/2005
Toluene	180	0.50	ppmv	EPA 8260B	7/13/2005
Ethylbenzene	45	0.40	ppmv	EPA 8260B	7/13/2005
Total Xylenes	300	0.40	ppmv	EPA 8260B	7/13/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ppmv	EPA 8260B	7/13/2005
TPH as Gasoline	3300	50	ppmv	EPA 8260B	7/13/2005
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	7/13/2005
4-Bromofluorobenzene (Surr)	99.4		% Recovery	EPA 8260B	7/13/2005

Approved By:

Joel Kiff

2795 2nd St , Suite 300 Davis, CA 95616 530-297-4800

QC Report : Method Blank Data
Project Name : Dave's Pit Stop
Project Number : ERA02.005

Report Number : 44754
Date : 7/19/2005

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>	<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
Benzene	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005						
Toluene	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005						
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005						
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	7/13/2005						
Methyl-t-butyl ether (MTBE)	< 0.10	0.10	ppmv	EPA 8260B	7/13/2005						
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	7/13/2005						
Toluene - d8 (Surf)	102	%		EPA 8260B	7/13/2005						
4-Bromofluorobenzene (Surf)	97.6	%		EPA 8260B	7/13/2005						

JK

Approved By: **Joe Kiff**

KIFF ANALYTICAL, LLC
2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Project Contact (Hardcopy or PDF To):

Rich Johnson
Company / Address:

11244 Pyrites Way, Gold River, CA 95670
Phone No.: Fax No.: (916) 851-0177
Project Number: P.O. No.: ERA02.005
Project Name: Dave's Pit Stop
Project Address: 7200 Healdsburg Ave., Sebastopol, CA 95472

California EDF Report? Yes No

Recommended but not mandatory to complete this section:
Sampling Company Log Code:

Global ID:

T0609700169

EDF Deliverable To (Email Address):

Johnson@apexonvirotech.com

Sampler Signature:

Chain-of-Custody Record and Analysis Request

Analysis Request										TAT
Lead (7421/2392)	TOTAL	WE								12hr
Volatile Halocarbons (EPA 8260B)										24hr
EPA 8260B (Full List)										48hr
Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)										2hr
7 Oxygenates (8260B)										2hr
5 Oxygenates (8260B)										2hr
7 Oxygenates/TPH Gas (8260B)										2hr
5 Oxygenates/TPH Gas/MTBE (8260B)										2hr
TPH as Motor Oil (M8015)										10wk
BTEX/TPH Gas/MTBE (8021B/M8015)										1wk
BTEX (8021B)										-22
										-3

Remarks:

Date Received by:

07-07-320

Date Received by:

Date Received by Laboratory:

1/1/2015 1520 OSAN HAN

Bill to:

Relinquished by:

Relinquished by:

Relinquished by:

Relinquished by:

Lab No. 45267

Page 1 of 1



Report Number : 45267

Date : 8/16/2005

Richard Johnson
Apex Envirotech Inc
11244 Pyrites Way
Gold River, CA 95670-4481

Subject : 3 Vapor Samples
Project Name : Dave's Pit Stop
Project Number : ERA02.005
P.O. Number : ERA02.005

Dear Mr. Johnson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff". The signature is written in a cursive style with a large, flowing loop on the left side.

Joel Kiff



Report Number : 45267

Date : 8/16/2005

Project Name : Dave's Pit Stop

Project Number : ERA02.005

Sample : THOXEFF

Matrix : Air

Lab Number : 45267-01

Sample Date : 8/9/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0 050	ppmv	EPA 8260B	8/9/2005
Toluene	0.12	0.050	ppmv	EPA 8260B	8/9/2005
Ethylbenzene	0.080	0.050	ppmv	EPA 8260B	8/9/2005
Total Xylenes	0.54	0 050	ppmv	EPA 8260B	8/9/2005
Methyl-t-butyl ether (MTBE)	< 0.10	0 10	ppmv	EPA 8260B	8/9/2005
TPH as Gasoline	6.7	5 0	ppmv	EPA 8260B	8/9/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	8/9/2005
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	8/9/2005

Sample : THOXINF

Matrix : Air

Lab Number : 45267-02

Sample Date : 8/9/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	2.0	0.15	ppmv	EPA 8260B	8/10/2005
Toluene	33	0 10	ppmv	EPA 8260B	8/10/2005
Ethylbenzene	9.8	0.10	ppmv	EPA 8260B	8/10/2005
Total Xylenes	52	0.10	ppmv	EPA 8260B	8/10/2005
Methyl-t-butyl ether (MTBE)	< 0.15	0 15	ppmv	EPA 8260B	8/10/2005
TPH as Gasoline	600	10	ppmv	EPA 8260B	8/10/2005
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	8/10/2005
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	8/10/2005

Approved By:

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 45267

Date : 8/16/2005

Project Name : Dave's Pit Stop

Project Number : ERA02.005

Sample : VEWMAN

Matrix : Air

Lab Number : 45267-03

Sample Date : 8/9/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	8.0	0.40	ppmv	EPA 8260B	8/10/2005
Toluene	140	0.40	ppmv	EPA 8260B	8/10/2005
Ethylbenzene	48	0.30	ppmv	EPA 8260B	8/10/2005
Total Xylenes	250	0.30	ppmv	EPA 8260B	8/10/2005
Methyl-t-butyl ether (MTBE)	< 0.40	0.40	ppmv	EPA 8260B	8/10/2005
TPH as Gasoline	2800	40	ppmv	EPA 8260B	8/10/2005
Toluene - d8 (Surr)	96.6		% Recovery	EPA 8260B	8/10/2005
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	8/10/2005

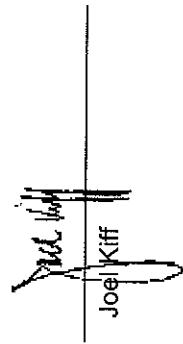
Approved By:

Joel Kiff

2795 2nd St , Suite 300 Davis, CA 95616 530-297-4800

QC Report : Method Blank Data**Project Name : Dave's Pit Stop****Project Number : ERA02.005**Report Number : 45267
Date : 8/16/2005

Parameter	Measured Value	Method Limit	Reporting Units	Analysis Method	Date Analyzed	Parameter	Measured Value	Method Reporting Limit	Analysis Units	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	8/9/2005					
Toluene	< 0.050	0.050	ppmv	EPA 8260B	8/9/2005					
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	8/9/2005					
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	8/9/2005					
Methyl-t-butyl ether (MTBE)	< 0.10	0.10	ppmv	EPA 8260B	8/9/2005					
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	8/9/2005					
Toluene - d8 (Surf)	99.8	%		EPA 8260B	8/9/2005					
4-Bromofluorobenzene (Surf)	101	%		EPA 8260B	8/9/2005					



Approved By:

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Joe Kiff



Report Number : 45901

Date : 9/20/2005

Richard Johnson
Apex Envirotech Inc.
11244 Pyrites Way
Gold River, CA 95670-4481

Subject : 2 Vapor Samples
Project Name : Dave's Pit Stop
Project Number : ERA02.005
P O. Number : ERA02 005

Dear Mr Johnson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff". The signature is written in a cursive style with a large, stylized initial "J".

Joel Kiff



Report Number : 45901

Date : 9/20/2005

Project Name : Dave's Pit Stop

Project Number : ERA02.005

Sample : THOXEFF

Matrix : Air

Lab Number : 45901-01

Sample Date : 9/13/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	9/13/2005
Toluene	< 0.050	0.050	ppmv	EPA 8260B	9/13/2005
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	9/13/2005
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	9/13/2005
Methyl-t-butyl ether (MTBE)	< 0.10	0.10	ppmv	EPA 8260B	9/13/2005
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	9/13/2005
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	9/13/2005
4-Bromofluorobenzene (Surr)	94.1		% Recovery	EPA 8260B	9/13/2005

Sample : THOXINF

Matrix : Air

Lab Number : 45901-02

Sample Date : 9/13/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	6.6	0.15	ppmv	EPA 8260B	9/13/2005
Toluene	140	0.50	ppmv	EPA 8260B	9/14/2005
Ethylbenzene	34	0.10	ppmv	EPA 8260B	9/13/2005
Total Xylenes	230	0.40	ppmv	EPA 8260B	9/14/2005
Methyl-t-butyl ether (MTBE)	< 0.15	0.15	ppmv	EPA 8260B	9/13/2005
TPH as Gasoline	2900	50	ppmv	EPA 8260B	9/14/2005
Toluene - d8 (Surr)	96.0		% Recovery	EPA 8260B	9/14/2005
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	9/14/2005

Approved By:

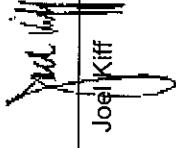
Joel Kiff

2795 2nd St , Suite 300 Davis, CA 95616 530-297-4800

QC Report : Method Blank Data**Project Name : Dave's Pit Stop****Project Number : ERA02.005**Report Number : 45901
Date : 9/20/2005

Parameter	Measured Value	Method Limit	Reporting Units	Analysis Method	Date Analyzed
Benzene	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Toluene	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Ethylbenzene	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Total Xylenes	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Methyl-t-butyl ether (MTBE)	< 0.040	0.040	ppmv	EPA 8260B	9/13/2005
TPH as Gasoline	< 2.0	2.0	ppmv	EPA 8260B	9/13/2005
Toluene - d8 (Sur)	99.1	%		EPA 8260B	9/13/2005
4-Bromofluorobenzene (Sur)	96.3	%		EPA 8260B	9/13/2005

Parameter	Measured Value	Method Limit	Reporting Units	Analysis Method	Date Analyzed
Benzene	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Toluene	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Ethylbenzene	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Total Xylenes	< 0.020	0.020	ppmv	EPA 8260B	9/13/2005
Methyl-t-butyl ether (MTBE)	< 0.040	0.040	ppmv	EPA 8260B	9/13/2005
TPH as Gasoline	< 2.0	2.0	ppmv	EPA 8260B	9/13/2005
Toluene - d8 (Sur)	99.1	%		EPA 8260B	9/13/2005
4-Bromofluorobenzene (Sur)	96.3	%		EPA 8260B	9/13/2005


Approved By: Joe Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800